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WETLANDS RESEARCH PROGRAM CORPS OF ENGINEERS WETLANDS

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DELINEATION MANUAL (U) ARMY ENGINEER WATERWAYS

EXPERIMENT STATION VICKSBURG MS ENVIR. JAN 87

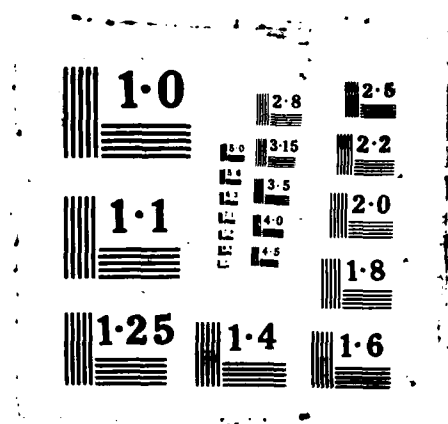
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# WETLANDS RESEARCH PROGRAM

TECHNICAL REPORT Y-87-1

## CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL

### APPENDIX C

### SECTIONS 1 AND 2

### REGION 7 — SOUTHWEST

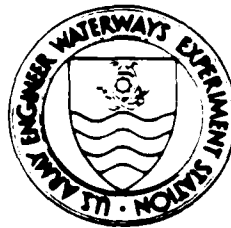
by

Environmental Laboratory

DEPARTMENT OF THE ARMY

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APPENDIX C  
SECTION 1  
NATIONAL LIST OF PLANT SPECIES  
THAT OCCUR IN WETLANDS  
REGION 7 - SOUTHWEST

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NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS  
REGION 7 - SOUTHWEST

The following is a subset of the National List of Plant Species That Occur In Wetlands of the southwest region of the United States. This area includes New Mexico and Arizona.

The list was initiated by the US Fish and Wildlife Service, National Wetland Inventory (NWI). A candidate national list of more than 5000 species was developed and, using information from more than 250 taxonomic references, the NWI assigned a tentative wetland indicator status to many of the species. The indicator status categories, which define the estimated probability of a species occurring in wetlands, are as follows:

| <u>Category</u>            | <u>Symbol</u> | <u>Definition</u>   |
|----------------------------|---------------|---|
| OBLIGATE WETLAND PLANTS    | OBL           | Plants that occur almost always (estimated probability >99%) in wetlands under natural conditions.  |
| FACULTATIVE WETLAND PLANTS | FACW          | Plants that occur usually (estimated probability >67 to 99%) in wetlands, but also occur (estimated probability 1% to 33%) in nonwetlands.                      |
| FACULTATIVE PLANTS         | FAC           | Plants with a similar likelihood (estimated probability 33% to 67%) of occurring in both wetlands and nonwetlands.  |
| FACULTATIVE UPLAND PLANTS  | FACU          | Plants that occur sometimes (estimated probability 1% to 33%) in wetlands, but occur more often (estimated probability >67% to 99%) in nonwetlands.             |
| OBLIGATE UPLAND PLANTS     | UPL           | Plants that occur rarely (estimated probability <1%) in wetlands, but occur almost always (estimated probability ≥99%) in nonwetlands under natural conditions. |

For purposes of this manual, any plant species not appearing on the plant list was assumed to be an upland species unless a strong technical rationale could be developed for adding it to the list.

In 1982, the NWI invited other Federal agencies to participate in a review of the NWI plant list. A national review panel was established, comprised of representatives from the Fish and Wildlife Service, Environmental Protection Agency, Soil Conservation Service, and Corps of Engineers. The

national panel developed guidelines for the review process and established twelve regional panels composed of a representative from each agency. The regional panels reviewed the plant list for their region and provided the national review panel with the results. The list that follows represents a subset of the reviewed list for Region 2. Note: Although additional work by the regional panel will be required, the current status of the list is considered to be adequate for use in this manual. The list will be updated as further revisions are made.

Nomenclature used in the list is based on the National List of Scientific Plant Names (USDA-SCS 1982). The generic name is listed only once, and species within a genus are alphabetized.

#### Symbols

Symbols appearing in the list under the indicator status column are as follows:

- + : A "+" sign following an indicator status denotes that the species generally has a greater estimated probability of occurring in wetlands than species having the general indicator status, but a lesser estimated probability of occurring in wetlands than those having the next highest general indicator. For example, a species with an indicator status of FAC+ occurs in wetlands more often than a species designated as FAC, but less often than a species having a FACW status.
- : A "-" sign following an indicator status (e.g. FACW-) denotes that the species generally has a lesser estimated probability of occurring in wetlands than species having the general indicator status, but a greater estimated probability of occurring in wetlands than those having the next lowest general indicator. For example, species with an indicator status of FACW- occurs in wetlands less often than a species with a FACW status, but more often than a species having a FAC+ status.
- DRA: This symbol indicates that the species normally occurs at the indicated estimated probability in wetlands, but only during periods when standing water is absent.
- ? : A "?" indicates that the species was reviewed by the regional panel, but no decision has been made regarding the appropriate indicator status.

-: A dash without an associated indicator status signifies that no review comments were received, usually because the species is rare in the region or its taxonomic status is questioned.

An X prior to the species name in the scientific name column denotes a hybrid. For purposes of this manual, all species appearing on the regional plant list as FAC-, FACU+, FACU, or FACU- have been deleted from the list because they do not contribute toward hydrophytic vegetation.

THIS LIST SHOULD BE USED IN ACCORDANCE WITH INSTRUCTIONS PROVIDED IN PART IV OF THE MANUAL.

| Scientific Name  | Common Name             | Indicator Status |
|--|-------------------------|------------------|
| <i>Acer glabrum</i> Torr.  | Rocky Mountain maple    | FAC              |
| <i>A. macrophyllum</i> Pursh                                     | Bigleaf maple           | FACW             |
| <i>A. negundo</i> L.   | Box elder               | FACW-            |
| <i>Aconitum columbianum</i> Nutt.                                | Columbia monkshood      | FACW             |
| <i>Adiantum capillus-veneris</i> L.                              | Venus-hair fern         | FACW+            |
| <i>A. pedatum</i> L.   | Maidenhair fern         | FAC              |
| <i>Adoxa moschatellina</i> L.                                    | Moschatel               | -                |
| <i>Agalinus tenuifolia</i> (Vahl.) Raf.                          | Agalinus                | ?                |
| <i>Agoseris aurantiaca</i> (Hook.) Greene                        | Orange agoseris         | FAC              |
| <i>A. glauca</i> (Pursh) D. Dietr.                               | Pale agoseris           | FAC              |
| <i>Agrimonia gryposepala</i> Wallr.                              | Agrimony                | FACW-            |
| <i>Agrohordeum X macounii</i> (Vasey) Lepage                     | Macoun wildrye          | -                |
| <i>Agropyron dasystachyum</i><br>(Fisch. ex Link) J. A. Schultes | Wheatgrass              | FAC              |
| <i>A. trachycaulum</i> (Link) Malte                              | Slender wheatgrass      | FAC              |
| <i>Agrostis alba</i> L.  | Redtop                  | FACW+            |
| <i>A. exarata</i> Trin.  | Spike bentgrass         | FACW             |
| <i>A. idahoensis</i> Nash  | Idaho bentgrass         | FACW             |
| <i>A. scabra</i> Willd.  | Rough bentgrass         | FAC              |
| <i>A. semiverticillata</i> C. Christ                             | Water bentgrass         | FACW+            |
| <i>Alhagi camelorum</i> Fisch.                                   | Camelthorn              | FACW-            |
| <i>Alisma gramineum</i> Gmel.                                    | Grasslike waterplantain | OBL              |
| <i>A. plantago-aquatica</i> L.                                   | Common waterplantain    | OBL              |
| <i>Allenrolfea occidentalis</i><br>(S. Wats.) Kuntze             | Iodinebush              | ?                |
| <i>Allophyllum giliodes</i> (Benth.)<br>A. D. Grant and V. Grant | Allophyllum             | -                |
| <i>Alnus oblongifolia</i> Torr.                                  | Arizona ash             | FACW+            |
| <i>A. tenuifolia</i> Nutt.                                       | Thinleaf alder          | FACW             |
| <i>Alopecurus aequalis</i> Sobol.                                | Shortawn foxtail        | OBL              |
| <i>A. carolinianus</i> Walt.                                     | Carolina foxtail        | FACW             |
| <i>A. geniculatus</i> L.   | Water foxtail           | OBL              |
| <i>Amaranthus retroflexus</i> L.                                 | Redroot amaranth        | -                |
| <i>Ambrosia psilostachya</i> DC.                                 | Western ragweed         | FAC              |
| <i>A. trifida</i> L.   | Annual ragweed          | FACW-            |

| Scientific Name                                     | Common Name          | Indicator Status |
|---|----------------------|------------------|
| <i>Ammania auriculata</i> Willd.                    | Ammania              | OBL              |
| <i>A. coccinea</i> Rottb.                           | Purple ammania       | OBL DRA          |
| <i>Amorpha californica</i> Nutt.                    | Mock locust          | FAC              |
| <i>A. fruticosa</i> L.                              | Dull-leaf indigo     | FACW+            |
| <i>Aragallis arvensis</i> L.                        | Pimpernel            | FAC              |
| <i>Andropogon glomeratus</i> (Walt.) B.S.P.         | Bushy beard bluestem | -                |
| <i>Anemone canadensis</i> L.                        | Canada anemone       | FACW-            |
| <i>Anemopsis californica</i> (Nutt.)<br>Hook & Arn. | Yerba mansa          | OBL              |
| <i>Angelica pinnata</i> Wats.                       | Small-leaf angelica  | FACW             |
| <i>Anoda cristata</i> (L.) Schlecht.                | Spurred anoda        | FAC              |
| <i>Apocynum cannabinum</i> L.                       | Indianhemp dogbane   | FAC+             |
| <i>A. sibiricum</i> Jacq.                           | Prairie dogbane      | FAC              |
| <i>Aquilegia chrysantha</i> A. Gray                 | Golden columbine     | FACW             |
| <i>A. coerulea</i> James                            | Colorado columbine   | FACW-            |
| <i>A. longissima</i> Gray                           | Longspur columbine   | FACW+            |
| <i>Arnica chamissonis</i> Less.                     | Chamisso arnica      | FACW             |
| <i>Artemisia biennis</i> Willd.                     | Biennial wormwood    | FACW             |
| <i>A. cana</i> Pursh                                | Silver sage          | FACW             |
| <i>Arundo donax</i> L.                              | Giantreed            | FACW             |
| <i>Asclepias incarnata</i> L.                       | Swamp milkweed       | OBL              |
| <i>A. speciosa</i> Torr.                            | Showy milkweed       | FACW-            |
| <i>Aster chilensis</i> Nees                         | Pacific aster        | FACW-            |
| <i>A. coerulescens</i> DC.                          | Aster                | ?                |
| <i>A. eatonii</i> (Gray) Howell                     | Eaton aster          | FAC              |
| <i>A. falcatus</i> Lindl.                           | Small aster          | FAC              |
| <i>A. foliaceus</i> Lindl.                          | Alpine aster         | FACW             |
| <i>A. frondosus</i> (Nutt.) T. & G.                 | Leafy aster          | ?                |
| <i>A. hesperius</i> Gray                            | Siskiyou aster       | ?                |
| <i>A. intricatus</i> (A. Gray) Blake                | Shrubby alkali aster | ?                |
| <i>A. novae-angliae</i> L.                          | New England aster    | ?                |
| <i>A. pauciflorus</i> Nutt.                         | Marsh alkali aster   | FACW             |
| <i>A. praealtus</i> Poir.                           | Aster                | ?                |
| <i>A. spinosus</i> Benth.                           | Devilweed aster      | FACW             |
| <i>Astragalus agrestis</i> Dougl.                   | Everywhere milkvetch | FACW-            |
| <i>A. alpinus</i> L.                                | Alpine milkvetch     | FAC              |
| <i>A. canadensis</i> L.                             | Canada milkvetch     | -                |
| <i>Athyrium filix-femina</i> (L.) Roth              | Southern lady fern   | FAC              |
| <i>Atriplex argentea</i> Nutt.                      | Silver saltbush      | FAC              |
| <i>A. falcata</i> (M. E. Jones) Standl.             | Saltbush             | -                |
| <i>A. lentiformis</i> (Torr.) S. Wats               | Big saltbush         | FACW             |
| <i>A. patula</i> L.                                 | Fat-hen saltweed     | FAC              |
| <i>A. semibaccata</i> R. Br.                        | Australian saltbush  | FAC              |
| <i>A. triangularis</i> Willd.                       | Saltbush             | -                |
| <i>A. truncata</i> (Torrey) Gray                    | Wedgescale saltweed  | ?                |
| <i>Azolla filiculoides</i> Lam.                     | Pacific azolla       | OBL              |
| <i>A. mexicana</i> Presl.                           | Mexican azolla       | OBL              |
| <i>Baccharis emeryi</i> A. Gray                     | Emory baccharis      | FACW             |
| <i>B. glutinosa</i> Pers.                           | Seepwillow baccharis | FACW             |
| <i>B. neglecta</i> Britton                          | Roosevelt weed       | FAC              |
| <i>B. salicina</i> T. & G.                          | Willow baccharis     | FAC              |
| <i>B. viminea</i> DC.                               | Mule fat             | FACW             |



| Scientific Name                                       | Common Name                | Indicator Status |
|---|----------------------------|------------------|
| <i>Bacopa eisenii</i> (Kell.) Penn.                   | Bacopa                     | OBL              |
| <i>B. rotundifolia</i> (Mich.) Wettst.                | Roundleaf bacopa           | OBL              |
| <i>Barbarea orthoceras</i> Ledeb.                     | Erectpod wintercress       | OBL              |
| <i>Bassia hyssopifolia</i> (Pall.) Kuntze             | Fivehook bassia            | FACW-            |
| <i>Beckmannia eruciformis</i> (L.) Host               | Sloughgrass                | OBL              |
| <i>B. syzigachne</i> (Steud.) Fernald                 | American sloughgrass       | OBL              |
| <i>Berula erecta</i> (Huds.) Cov.                     | Cut-leaved water parsnip   | OBL              |
| <i>Besseyia arizonica</i> Pennell                     | Kittentails                | FACW             |
| <i>B. plantaginea</i> (James) Rydb.                   | Plantain kittentails       | FACW-            |
| <i>Betula occidentalis</i> Hook.                      | Water birch                | FACW             |
| <i>Bidens aurea</i> (Ait.) Sherff.                    | Bidens                     | OBL              |
| <i>B. bigelovii</i> Gray                              | Bidens                     | OBL              |
| <i>B. bipinnata</i> L.                                | Spanishneedles beggarticks | FACW-            |
| <i>B. cernua</i> L.                                   | Nodding beggarticks        | OBL              |
| <i>B. frondosa</i> L.                                 | Devils beggarticks         | FACW             |
| <i>B. laevis</i> (L.) B.S.P.                          | Brook sunflower            | OBL              |
| <i>B. leptocephala</i> Sherff.                        | Bidens                     | FAC              |
| <i>B. pilosa</i> L.                                   | Spanishneedles             | FACW             |
| <i>B. tenuisecta</i> Gray                             | Bidens                     | FACW             |
| <i>Boehmeria cylindrica</i> (L.) Sw.                  | Smallspike false-nettle    | OBL              |
| <i>Botrychium lanceolatum</i> (Gmel.) Rupr.           | Lanceleaf grapefern        | FACW             |
| <i>B. lunaria</i> (L.) Sw.                            | Moonwort grapefern         | FACW             |
| <i>B. multifidum</i> (Gmel.) Rupr.                    | Broadleaf grapefern        | FAC              |
| <i>B. simplex</i> E. Hitchc.                          | Little grapefern           | FAC              |
| <i>Brachiaria fasciculata</i><br>(Swartz) S. T. Blake | Brachiaria                 | ?                |
| <i>Bromus ciliatus</i> L.                             | Fringed brome              | FAC              |
| <i>Bulbostylis funckii</i> (Steud.) C. B. Clarke      | Beakseed                   | FACW+            |
| <i>B. junoides</i> (Vahl) Kuekenh.                    | Rush bulbostylis           | FACW             |
| <i>Calamagrostis canadensis</i> (Michx.) Beauv.       | Bluejoint reedgrass        | OBL              |
| <i>C. inexpansa</i> A. Gray                           | Northern reedgrass         | FACW             |
| <i>C. scopulorum</i> Jones                            | Jones reedgrass            | FAC              |
| <i>C. scribneri</i> Beal.                             | Scribner reedgrass         | ?                |
| <i>Calandrinia ambigua</i> (Wats.) Howell             | Calandrinia                | FAC              |
| <i>Callitriche hermaphroditica</i> L.                 | Secret waterstarwort       | OBL              |
| <i>C. verna</i> L.                                    | Green waterstarwort        | OBL              |
| <i>Caltha leptosepala</i> DC.                         | Elkslip marshmarigold      | OBL              |
| <i>Calypso bulbosa</i> (L.) Oakes                     | Fairyslippers orchid       | FAC              |
| <i>Calystegia sepium</i> (L.) R. Br.                  | Wild morning-glory         | FAC              |
| <i>Camelina sativa</i> (L.) Crantz                    | Cultivated falseflax       | FAC              |
| <i>Campanula rotundifolia</i> L.                      | American bellflower        | FAC              |
| <i>Capsella bursa-pastoris</i> (L.) Medik.            | Shepherds purse            | FAC              |
| <i>Cardamine parviflora</i> L.                        | Bittercress                | -                |
| <i>Cardiospermum halicacabum</i> L.                   | Balloonvine heartseed      | -                |
| <i>Carex albionga</i> Mack.                           | Black-and-white sedge      | ?                |
| <i>C. alba</i> L. H. Bailev                           | Sedge                      | -                |
| <i>C. aquatilis</i> Wahl.                             | Water sedge                | OBL              |
| <i>C. acrostachya</i> Olney                           | Slenderbeak sedge          | FACW             |
| <i>C. aurea</i> Nutt.                                 | Goldensedge                | OBL              |
| <i>C. bebbii</i> Olney                                | Bebb sedge                 | OBL              |
| <i>C. bicknellii</i> Britt.                           | Bicknell sedge             | -                |

| Scientific Name   | Common Name                 | Indicator Status |
|---|-----------------------------|------------------|
| <i>C. bolanderi</i> Olney                                     | Bolander sedge              | -                |
| <i>C. brevior</i> (Dewey) Mackenz. Lunnell                    | Brevior sedge               | ?                |
| <i>C. canescens</i> L.  | Silvery sedge               | OBL              |
| <i>C. capillaris</i> L.                                       | Hairlike sedge              | FACW             |
| <i>C. douglasii</i> Boott                                     | Douglas sedge               | FAC              |
| <i>C. emoryi</i> Dewey  | Emory sedge                 | OBL              |
| <i>C. hassei</i> L. H. Bailey                                 | Sedge                       | FACW             |
| <i>C. haydeniana</i> Olney                                    | Cloud sedge                 | ?                |
| <i>C. heteroneura</i> W. Boott                                | Black sedge                 | FACW             |
| <i>C. hystericina</i> Muhl.                                   | Bottlebrush sedge           | OBL              |
| <i>C. interior</i> Bailey                                     | Inland sedge                | OBL              |
| <i>C. kelloggii</i> W. Boott                                  | Kellogg sedge               | OBL              |
| <i>C. lanuginosa</i> Michx.                                   | Wooly sedge                 | OBL              |
| <i>C. lasiocarpa</i> Ehrh.                                    | Woolfruit sedge             | OBL              |
| <i>C. leptalea</i> Wahl.                                      | Bristlestalked sedge        | OBL              |
| <i>C. meadii</i> Dewey  | Mead sedge                  | OBL              |
| <i>C. media</i> R. Br.  | Sedge                       | FACW             |
| <i>C. microptera</i> Mack.                                    | Smallwing sedge             | -                |
| <i>C. nebrascensis</i> Dewey                                  | Nebraska sedge              | OBL              |
| <i>C. norvegica</i> Retz.                                     | Norway sedge                | -                |
| <i>C. praegracilis</i> W. Boott                               | Clustered field sedge       | FACW+            |
| <i>C. rostrata</i> Stokes                                     | Beaked sedge                | OBL              |
| <i>C. scoparia</i> Schk.                                      | Broom sedge                 | FACW             |
| <i>C. senta</i> Boott   | Swan carex                  | OBL              |
| <i>C. serratodens</i> W. Boott                                | False-flax                  | -                |
| <i>C. simulata</i> Mkze.                                      | Alalagne sedge              | -                |
| <i>C. spissa</i> Bailey                                       | San Diego sedge             | -                |
| <i>C. stipata</i> Muhl.                                       | Sawbeak sedge               | OBL              |
| <i>C. thurbergi</i> Dewey                                     | Thurberg sedge              | FAC              |
| <i>C. vesicaria</i> L.  | Inflated sedge              | OBL              |
| <i>C. viridula</i> Michx.                                     | Green sedge                 | OBL              |
| <i>C. vulpinoidea</i> Michx.                                  | Fox sedge                   | OBL              |
| <i>Castilleja exilis</i> A. Nels.                             | Small indian paintbrush     | OBL              |
| <i>C. lineata</i> Greene                                      | Indian paintbrush           | FACW             |
| <i>C. minor</i> Gray  | Lesser indian paintbrush    | OBL              |
| <i>C. mogollonica</i> Pennell                                 | Indian paintbrush           | -                |
| <i>C. occidentalis</i> Torrey                                 | Western indian paintbrush   | -                |
| <i>C. rhexifolia</i> Rydb.                                    | Splitleaf indian paintbrush | -                |
| <i>C. sulphurea</i> Rydb.                                     | Sulfur indian paintbrush    | -                |
| <i>Centaureum calycosum</i> (Buckl.) Fern.                    | Arizona centaury            | FACW+            |
| <i>C. nudicaule</i> (Engelm.) Robins.                         | Centaury                    | FACW-            |
| <i>Centunculus minimus</i> L.                                 | Chaffweed                   | FACW+            |
| <i>Cephalanthus occidentalis</i> L.                           | Common buttonbush           | OBL              |
| <i>Cerastium beeringianum</i> Cham. & Schlecht.               | Bering chickweed            | FAC              |
| <i>Ceratophyllum demersum</i> L.                              | Coontail                    | OBL              |
| <i>Chenopodium ambrosioides</i> L.                            | Mexican-tea                 | FAC              |
| <i>C. glaucum</i> L.  | Oakleaf goosefoot           | FAC              |
| <i>C. rubrum</i> L.   | Red goosefoot               | ?                |
| <i>C. salinum</i> Standl.                                     | Saline goosefoot            | -                |
| <i>Chloris arifolia</i> Lag.                                  | Chloris                     | -                |
| <i>Cyclosporum leptophyllum</i><br>(Pers.) Sprague ex. Britt. | Cyclosporum                 | -                |

| Scientific Name                                 | Common Name                   | Indicator Status |
|---|-------------------------------|------------------|
| <i>Cicuta douglasii</i> (DC.) Coult. & Rose     | Douglas water hemlock         | OBL              |
| <i>Cinna latifolia</i> (Trevir.) Griseb.        | Drooping woodreed             | FACW+            |
| <i>Circaea alpina</i> L.                        | Alpine circaea                | FAC              |
| <i>Cirsium nidulum</i> (Jones) Petr.            | Thistle                       | FAC              |
| <i>C. pallidum</i> Wooton & Standl.             | Thistle                       | FACW             |
| <i>C. parryi</i> (A. Gray) Petrak               | Parry thistle                 | FACW-            |
| <i>C. vinaceum</i> Wooton & Standl.             | Thistle                       | OBL              |
| <i>Cissus incisa</i> Des Moul                   | Ivy treebine                  | FAC              |
| <i>Cladium californicum</i> (S. Wats.) O'Neill  | Sawgrass                      | OBL              |
| <i>Claytonia lanceolata</i> Pursh               | Lanceleaf springbeauty        | ?                |
| <i>C. perfoliata</i> Donn ex. Willd.            | Minerslettuce spring-beauty   | FACW             |
| <i>Clematis ligusticifolia</i> Nutt.            | Virginsbower                  | -                |
| <i>Cleome lutea</i> Hook.                       | Yellow beeplant               | FAC+             |
| <i>C. serrulata</i> Pursh                       | Rocky Mountain beeplant       | FAC              |
| <i>Cleomella longipes</i> Torr.                 | Cleomella                     | -                |
| <i>Conioselinum scopulorum</i> (A. Gray) Coult. | Rocky Mountain hemlockparsley | -                |
| <i>Conoclinium greggii</i> (Gray) Small         | Palmleaf eupatorium           | -                |
| <i>Conyza coulteri</i> Gray                     | Conyza                        | FACW-            |
| <i>Coreopsis tinctoria</i> Nutt.                | Tickseed coreopsis            | FAC              |
| <i>Cornus canadensis</i> L.                     | Bunchberry dogwood            | FAC              |
| <i>C. stolonifera</i> Michx.                    | Redosier dogwood              | FACW             |
| <i>Cotula coronopifolia</i> L.                  | Brass buttons                 | OBL              |
| <i>Crassula aquatica</i> (L.) Schoenl.          | Water crassula                | OBL              |
| <i>C. erecta</i> (Hook and Arn.) Berger         | Erect crassula                | FACW             |
| <i>Crepis runcinata</i> (James) T. & G.         | Dandelion hawksbeard          | FAC              |
| <i>Cressa truxillensis</i> H.B.K.               | Alkali weed                   | FACW-            |
| <i>Cyperus acuminatus</i> Torr. & Hook.         | Taperleaf flatsedge           | OBL              |
| <i>C. albe marginatus</i> Mart. & Schrader      | Whiteedge flatsedge           | -                |
| <i>C. aristatus</i> Rothb.                      | Bearded flatsedge             | OBL DRA          |
| <i>C. difformis</i> L.                          | Smallflower flatsedge         | OBL              |
| <i>C. erythrorhizos</i> Muhl.                   | Redroot cyperus               | OBL              |
| <i>C. esculentus</i> L.                         | Chufa                         | FACW             |
| <i>C. fendlerianus</i> Boeckl.                  | Fendler flatsedge             | FAC              |
| <i>C. ferax</i> L.C. Rich.                      | Coarse flatsedge              | FACW             |
| <i>C. ferruginescens</i> Boeckl.                | Flatsedge                     | FACW+            |
| <i>C. flavus</i> (Vahl) Vahl ex Nees            | Flatsedge                     | -                |
| <i>C. hermaphroditus</i> (Jacq.) Standl.        | Sand flatsedge                | -                |
| <i>C. laevigatus</i> L.                         | Smooth flatsedge              | FAC              |
| <i>C. niger</i> Ruiz & Pavon                    | Black flatsedge               | FACW+            |
| <i>C. odoratus</i> L.                           | Fragrant flatsedge            | FACW+            |
| <i>C. parishii</i> Britton                      | Parish's flatsedge            | FACW             |
| <i>C. pringlei</i> Britton                      | Pine flatsedge                | FACW             |
| <i>C. rotundus</i> L.                           | Nutgrass                      | FAC              |
| <i>C. schweinitzii</i> Torr.                    | Flatsedge                     | -                |
| <i>C. seelerioides</i> H.B.K.                   | Flatsedge                     | FAC              |
| <i>C. strigosus</i> L.                          | Strawcolored cyperus          | FACW             |
| <i>Cypripedium calceolus</i> L.                 | Yellow lady's-slipper         | FACW             |
| <i>Cystopteris bulbifera</i> (L.) Bernh.        | Berry bladderfern             | FACW             |
| <i>Delphinium scopulorum</i> Gray               | Tallmountain larkspur         | FAC              |
| <i>Deschampsia cespitosa</i> (L.) Beauv.        | Tufted hairgrass              | FACW-            |
| <i>D. danthonioides</i> (Trin.) Munro           | Annual hairgrass              | FACW-            |
| <i>D. elongata</i> (Hook.) Munro                | Slender hairgrass             | FAC              |

| Scientific Name  | Common Name            | Indicator Status |
|--|------------------------|------------------|
| <i>Desmanthus illinoense</i><br>(Michx.) Macmil. ex<br>B. Rob. & Fern. | Illinois bundleflower  | -                |
| <i>Dichanthelium acuminatum</i><br>(Swartz) Gould &<br>C. A. Clark     | Pacific panicum        | -                |
| <i>Digitaria insularis</i> (L.) Mez                                    | Crabgrass              | -                |
| <i>Distichlis spicata</i> (L.) Greene                                  | Seashore saltgrass     | FACW             |
| <i>Dodecatheon alpinum</i> (Gray) Greene                               | Alpine shootingstar    | ?                |
| <i>D. pulchellum</i> (Raf.) Merrill                                    | Beautiful shootingstar | FACW             |
| <i>Draba aurea</i> M. Vahl.  | Golden draba           | FAC              |
| <i>D. helleriana</i> Greene  | Heller's draba         | ?                |
| <i>D. spectabilis</i> Greene   | Toothed woodfern       | -                |
| <i>Dracopis amplexicaulis</i> (Vahl) Cass.                             | Dracopis               | FACW             |
| <i>Drymaria pachyphylla</i> Woot. & Standl.                            | Inkweed drymary        | -                |
| <i>Dugaldia hooepesii</i> (Gray) Rydb.                                 | Dugaldia               | FAC+             |
| <i>Echinochloa colona</i> (L.) Link                                    | Jungle-rice            | FACW             |
| <i>E. crusgalli</i> (L.) Beauv.  | Barnyardgrass          | FACW- DRA        |
| <i>E. crus-gavonis</i> (H.B.K.) J. A. Schultes                         | Alkali barnyardgrass   | ?                |
| <i>E. muricata</i> (Beauv.) Fernald                                    | Barnyardgrass          | ?                |
| <i>Echinocystis lobata</i> (Michaux) T. & G.                           | Wild cucumber          | FAC              |
| <i>Echinopepon wrightii</i> (Gray) Wats.                               | Echinopepon            | FAC              |
| <i>Eclipta alba</i> (L.) Hassk.  | Common verbadetaio     | FAC              |
| <i>Egeria densa</i> Planch.  | South American elodea  | OBL              |
| <i>Elaeagnus angustifolia</i> L.                                       | Russian olive          | FACW-            |
| <i>Elatine americana</i> (Pursh) Arn.                                  | American waterwort     | OBL              |
| <i>E. brachysperma</i> Gray  | Shortseed waterwort    | FACW             |
| <i>E. triandra</i> Schk.   | Matted waterwort       | OBL              |
| <i>Eleocharis acicularis</i> (L.) R. & S.                              | Slender spikerush      | OBL              |
| <i>E. atropurpurea</i> (Retz.) J. & K. Presl.                          | Purple spikerush       | -                |
| <i>E. bella</i> (Piper) Svenson  | Beautiful spikerush    | FACW             |
| <i>E. caribaea</i> (Rottb.) Blake                                      | Canada spikesedge      | FACW             |
| <i>E. compressa</i> Sulliv.  | Flat-stemmed spikerush | -                |
| <i>E. engelmanni</i> Steud.  | Englemann's spikerush  | -                |
| <i>E. erythropoda</i> Steud.   | Creeping spikerush     | OBL              |
| <i>E. macrostachya</i> Britt.  | Creeping spikerush     | OBL              |
| <i>E. montana</i> H.B.K.   | Mountain spikerush     | OBL              |
| <i>E. montevidensis</i> Kunth  | Sand spikerush         | FACW             |
| <i>E. palustris</i> (L.) R. & S.                                       | Common spikesedge      | OBL              |
| <i>E. parishii</i> Britton   | Parish spikerush       | FACW             |
| <i>E. parvula</i> (R. & S.) Link                                       | Dwarf spikerush        | OBL              |
| <i>E. pauciflora</i> (Lightf.) Link                                    | Fewflowered spikerush  | -                |
| <i>E. radicans</i> (A. Dietr.) Kunth                                   | Slender spikerush      | -                |
| <i>E. rostellata</i> Torr.   | Beaked spikerush       | OBL              |
| <i>Ellisia ryotelea</i> L.   | False babyblueeyes     | FAC              |
| <i>Elodea bifoliata</i> St. John                                       | Waterweed              | OBL              |
| <i>E. canadensis</i> Michx.  | Common waterweed       | OBL              |
| <i>E. longivaginata</i> St. John                                       | Waterweed              | OBL              |
| <i>Elymus canadensis</i> L.  | Canada wildrye         | FAC              |
| <i>E. triticoides</i> Buckley  | Creeping wildrye       | -                |
| <i>E. virginicus</i> L.  | Virginia wildrye       | FACW             |
| <i>Elyra bellardii</i> (All.) Depland                                  | Elyna                  | FAC              |

| Scientific Name   | Common Name            | Indicator Status |
|---|------------------------|------------------|
| <i>Epilobium angustifolium</i> L.                             | Fire willowweed        | FAC              |
| <i>E. hornemanii</i> Reichenb.                                | Hornemann willowweed   | FACW             |
| <i>Epipactis gigantea</i> Dougl.                              | Giant hellebore        | ?                |
| <i>Equisetum arvense</i> L.                                   | Field horsetail        | FACW-            |
| <i>E. X ferrissii</i> Clute                                   | Horsetail              | FACW             |
| <i>E. hyemale</i> L.  | Scouringrush horsetail | FACW             |
| <i>E. laevigatum</i> A. Br.                                   | Smooth horsetail       | FACW             |
| <i>Eragrostis lugens</i> Nees                                 | Mourning lovegrass     | -                |
| <i>E. pectinacea</i> (Michx.) Nees                            | Carolina lovegrass     | FAC DRA          |
| <i>Erianthus ravennae</i> (L.) Beauv.                         | Ravenna grass          | FAC              |
| <i>Erigeron coulteri</i> Porter                               | Coulter fleabane       | FACW             |
| <i>E. elatior</i> (Gray) Greene                               | Tall fleabane          | FACW             |
| <i>E. formosissimus</i> Greene                                | Beautiful fleabane     | FAC              |
| <i>E. lonchophyllus</i> Hook.                                 | Spearleaf fleabane     | -                |
| <i>E. melanocephalus</i> A. Nels.                             | Blackheaded fleabane   | FAC              |
| <i>E. peregrinus</i> (Banks ex. Pursh) Greene                 | Peregrine fleabane     | FACW             |
| <i>E. philadelphicus</i> L.                                   | Philadelphia fleabane  | ?                |
| <i>Eriochloa aristata</i> Vasey                               | Bearded cupgrass       | FACW             |
| <i>E. contracta</i> Hitchc.                                   | Prairie cupgrass       | FACW             |
| <i>E. gracilis</i> (Fourn.) Hitchc.                           | Southwestern cupgrass  | FACW             |
| <i>Eriophorum angustifolium</i> Honckeny                      | Narrowleaf cottonsedge | OBL              |
| <i>E. polystachion</i> L.                                     | Coldswamp cottonsedge  | OBL              |
| <i>Eryngium heterophyllum</i> Engelm.                         | Mexican thistle        | FACW-            |
| <i>E. phytumae</i> Delar.                                     | Eryngo                 | OBL              |
| <i>E. sparganophyllum</i> Hemsl.                              | Arizona eryngo         | OBL              |
| <i>Eupatoriadelphus maculatus</i><br>(L.) King & Rob.         | Joe-pyeweed            | -                |
| <i>Eustoma exaltatum</i> (L.) Griseb.                         | Fustoma                | ?                |
| <i>Euthamia occidentalis</i> Nutt.                            | Euthamia               | -                |
| <i>Festuca arundinacea</i> Schreb.                            | Tall fescue            | ?                |
| <i>F. rubra</i> L.  | Red fescue             | FACW-            |
| <i>Fimbristylis annua</i> (All.)<br>Roem. & J. A. Schultes    | Annual fimbristylis    | -                |
| <i>F. spadiosa</i> (L.) Vahl                                  | Saltmarsh fimbristylis | OBL              |
| <i>F. thermalis</i> S. Wats.                                  | Fimbristylis           | FACW+            |
| <i>F. vahlid</i> (Lam.) Link                                  | Fimbristylis           | FACW+            |
| <i>Flaveria carpestris</i> J. R. Johnston                     | Flaveria               | FAC              |
| <i>Fleishmannia incarnata</i> (Walt.)<br>R. M. King & H. Rob. | Fleishmannia           | FAC              |
| <i>F. pycnocephala</i> (Less.)<br>R. M. King & H. Rob.        | Fleishmannia           | -                |
| <i>Foeniculum vulgare</i> Mill.                               | Common fennel          | -                |
| <i>Fragaria virginiana</i> Duchesne                           | Wild strawberry        | FAC              |
| <i>Fraxinus pennsylvanica</i> Marsh.                          | Green ash              | FACW             |
| <i>F. velutina</i> Torr.                                      | Velvet ash             | FAC+             |
| <i>Fuirena simplex</i> Vahl                                   | Fuirena                | OBL              |
| <i>Gallium mexicanum</i> H.B.K.                               | Rough bedstraw         | FAC              |
| <i>G. trifidum</i> L.   | Small bedstraw         | FACW             |
| <i>Gamochaeta purpurea</i> (L.) Cabrera                       | Gamochaeta             | -                |
| <i>Gaura neomexicana</i> Wooton                               | Gaura                  | OBL              |
| <i>Gentiana aquatica</i> L.                                   | Moss gentian           | OBL              |
| <i>G. parryi</i> Engelm.                                      | Parry gentian          | FACW             |

| Scientific Name                                       | Common Name                    | Indicator Status |
|---|--------------------------------|------------------|
| <i>Gentianella amarella</i> (L.) Boerner              | Felwort                        | FACW             |
| <i>G. tenella</i> (Rottb.) Boerner                    | Dane's gentian                 | FAC+             |
| <i>Gentianopsis barbellata</i> (Engelm.) Iltis        | Perennial fringed gentian      | FAC              |
| <i>G. thermalis</i> (Kuntze) Iltis                    | Rocky Mountain fringed gentian | ?                |
| <i>Geranium eremophilum</i> Wooten & Standl.          | Geranium                       | FACW             |
| <i>G. richardsonii</i> Fisch & Trautv.                | Richardson geranium            | FAC              |
| <i>Geum macrophyllum</i> Willd.                       | Big-leaf avens                 | FACW             |
| <i>G. rivale</i> L.                                   | Water avens                    | FAC              |
| <i>G. triflorum</i> Pursh                             | Prairiesmoke avens             | FAC              |
| <i>Gleditsia triacanthos</i> L.                       | Honeylocust                    | FAC              |
| <i>Glyceria borealis</i> (Nash) Batch.                | Northern mannagrass            | OBL              |
| <i>G. elata</i> (Nash ex. Rydb.) M. E. Jones          | Tall mannagrass                | OBL              |
| <i>G. maxima</i> (Hartm.) Holmb.                      | American mannagrass            | OBL              |
| <i>G. striata</i> (Lam.) A. Hitchc.                   | Fowl mannagrass                | OBL              |
| <i>Glycyrrhiza lepidota</i> Pursh                     | Wild licorice                  | FAC+             |
| <i>Gnaphalium chilense</i> Sprengel                   | Cottonbatting cudweed          | FAC              |
| <i>G. grayi</i> A. Nels. & Macbr.                     | Cudweed                        | FAC              |
| <i>G. luteo-album</i> L.                              | Cudweed                        | FAC              |
| <i>G. palustre</i> Nutt.                              | Lowland cudweed                | FACW             |
| <i>Gratiola neglecta</i> Torr.                        | Neglected hedgehyssop          | OBL DRA          |
| <i>Gymnocarpium dryopteris</i> (L.) Newm.             | Oakfern                        | FAC              |
| <i>Halenia recurva</i> (Sm.) Allen                    | Spur gentian                   | FAC              |
| <i>Helenium arizonicum</i> Blake                      | Sneezeweed                     | FACW             |
| <i>H. autumnale</i> L.                                | Common sneezeweed              | ?                |
| <i>H. thurberi</i> Gray                               | Thurber sneezeweed             | ?                |
| <i>Helianthus ciliaris</i> DC.                        | Blueweed sunflower             | FAC              |
| <i>H. grosseserratus</i> Martens                      | Sawtooth sunflower             | -                |
| <i>H. nuttallii</i> T. & G.                           | Nuttall sunflower              | FACW             |
| <i>Heliotropium curassavicum</i> L.                   | Seaside heliotrope             | ?                |
| <i>Hemicarpha aristulata</i><br>(Coville) B. B. Smyth | Awned hemicarpha               | FACW             |
| <i>H. drummondii</i> Nees                             | Drummond hemicarpha            | FACW             |
| <i>H. micrantha</i> (Vahl) Britt.                     | Common hemicarpha              | ?                |
| <i>Hemizonia purgens</i> (H. & A.) T. & G.            | Common spikeweed               | FACW+            |
| <i>Hemacaleum lanatum</i> Michx.                      | Common cowparsnip              | OBL              |
| <i>Heteranthera limosa</i> (Sw.) Willd.               | Longleaf mudplantain           | OBL              |
| <i>Hibiscus moscheutos</i> L.                         | Rose mallow                    | OBL              |
| <i>Hierochloa odorata</i> (L.) Beauv.                 | Common sweetgrass              | FACW+            |
| <i>Hippuris vulgaris</i> L.                           | Marestail                      | OBL DRA          |
| <i>Holcus lanatus</i> L.                              | Common velvetgrass             | FACW-            |
| <i>Hordeum arizonicum</i> Covas                       | Arizona barley                 | FAC              |
| <i>H. brachyantherum</i> Nevskii                      | Meadow barley                  | -                |
| <i>H. hystrix</i> Roth                                | Mediterranean barley           | -                |
| <i>H. jubatum</i> L.                                  | Foxtail barley                 | FACW-            |
| <i>H. pusillum</i> Nutt.                              | Little barley                  | FAC DRA          |
| <i>Hydrocotyle ranunculoides</i> L.f.                 | Floating pennywort             | OBL              |
| <i>H. verticillata</i> Thunb.                         | Whorled pennywort              | OBL              |
| <i>Hydrophyllum fendleri</i> (Gray) Heller            | Fendler waterleaf              | ?                |
| <i>H. occidentale</i> (Wats.) Gray                    | Western waterleaf              | FACW+            |
| <i>Hypericum angustifolium</i> Cham. & Schlecht       | Tinker's penney                | ?                |
| <i>H. formosum</i> H.B.K.                             | Southwestern St. Johnswort     | FACW             |
| <i>Illecebra grandiflora</i> (Rydb.) Wiggins          | Wild hollyhock                 | FACW-            |

| Scientific Name   | Common Name          | Indicator Status |
|---|----------------------|------------------|
| <i>I. rivularis</i> (Dougl.) Greene                           | Wild hollyhock       | FACW             |
| <i>Ipomea pubescens</i> Lam.                                  | Hairy morningglory   | -                |
| <i>Iris missouriensis</i> Nutt.                               | Rocky Mountain iris  | ?                |
| <i>Isoetes bolanderi</i> Engelm.                              | Bolander quillwort   | OBL              |
| <i>Iva acerosa</i> (Nutt.) R. C. Jacks.                       | Copperweed           | -                |
| <i>I. axillaris</i> Pursh                                     | Poverty weed         | FAC DRA          |
| <i>I. xanthifolia</i> Nutt.                                   | Marshelder           | FAC              |
| <i>Juglans major</i> (Torr.) Heller                           | Arizona walnut       | FACW-            |
| <i>Juncus acuminatus</i> Michx.                               | Tapertip rush        | OBL              |
| <i>J. acutus</i> L.   | Rush                 | FACW             |
| <i>J. albescens</i> (Lange) Fernald                           | Northern white rush  | -                |
| <i>J. balticus</i> Willd.                                     | Baltic rush          | OBL              |
| <i>J. bufonius</i> L.   | Toad rush            | OBL              |
| <i>J. castaneus</i> J. E. Smith                               | Chestnut rush        | -                |
| <i>J. confusus</i> Coville                                    | Colorado rush        | -                |
| <i>J. cooperi</i> Engelm.                                     | Cooper rush          | FACW             |
| <i>J. drummondii</i> E. Mey.                                  | Drummond rush        | FACW             |
| <i>J. effusus</i> L.  | Soft rush            | OBL              |
| <i>J. ensifolius</i> Wikstr.                                  | Swordleaf rush       | FACW             |
| <i>J. interior</i> Wieg.                                      | Inland rush          | FAC              |
| <i>J. longistylis</i> Torr.                                   | Longstyle rush       | FACW             |
| <i>J. macrophyllus</i> Coville                                | Long-leaved rush     | -                |
| <i>J. marginatus</i> Rostk.                                   | Shore rush           | -                |
| <i>J. mertensianus</i> Bong.                                  | Mertens rush         | OBL              |
| <i>J. mexicanus</i> Willd.                                    | Mexican rush         | FACW             |
| <i>J. nevadensis</i> S. Wats.                                 | Sierra rush          | -                |
| <i>J. nodosus</i> L.  | Knotted rush         | OBL              |
| <i>J. saximontanus</i> A. Nels.                               | Rocky Mountain rush  | FACW             |
| <i>J. tenuis</i> Willd.                                       | Poverty rush         | FACW-            |
| <i>J. torreyi</i> Cov.  | Torrey's rush        | FACW             |
| <i>J. tracyi</i> Rydb.  | Tracy rush           | -                |
| <i>J. rhiphioides</i> E. Meyer                                | Iris-leaved rush     | OBL              |
| <i>Kobresia ryosuroides</i> (Villars) Fiori                   | Kobresia             | FAC              |
| <i>Kochia americana</i> S. Wats.                              | Green molly          | FAC              |
| <i>K. scoparia</i> (L.) Schrader                              | Summer cypress       | FAC              |
| <i>Lactuca canadensis</i> L.                                  | Canada lettuce       | -                |
| <i>L. graminifolia</i> Michx.                                 | Grassleaf lettuce    | FAC              |
| <i>L. pulchella</i> (Pursh) DC.                               | Chickory lettuce     | FAC              |
| <i>L. serriola</i> L.   | Prickly lettuce      | FAC DRA          |
| <i>Lantana horrida</i> H.B.K.                                 | Texas lantana        | -                |
| <i>Lasthenia chrysostoma</i> (Fisch.<br>& C. A. Meyer) Greene | Lasthenia            | -                |
| <i>Leersia oryzoides</i> (L.) Swartz                          | Rice cutgrass        | OBL              |
| <i>Lemma gibba</i> L.   | Swollen duckweed     | OBL              |
| <i>L. minor</i> Philippi                                      | Least duckweed       | OBL              |
| <i>L. minor</i> L.  | Common duckweed      | OBL              |
| <i>L. obscura</i> (Aust.) Daubs                               | Obscure duckweed     | OBL              |
| <i>L. perpusilla</i> Torr.                                    | Minute duckweed      | OBL              |
| <i>L. trinerervis</i> (Aust.) Small                           | Three nerve duckweed | OBL              |
| <i>L. trisulea</i> L.   | Star duckweed        | OBL              |
| <i>L. valdiviana</i> Philippi                                 | Valdivia duckweed    | OPI.             |
| <i>Leontodon lepeacii</i> (Wallr.) G. Beck                    | Leontodon            | -                |

| Scientific Name                                       | Common Name               | Indicator Status |
|---|---------------------------|------------------|
| <i>Lepidium densiflorum</i> Schrad.                   | Prairie pepperweed        | FAC              |
| <i>L. perfoliatum</i> L.                              | Claspingleaf pepperweed   | -                |
| <i>Leptochloa fascicularis</i> (Lam.) Gray            | Bearded sprangletop       | ?                |
| <i>L. filiformis</i> (Lam.) Beauv.                    | Red sprangletop           | OBL              |
| <i>L. uninervia</i> (Presl) Hitchc. & Chase           | Mexican sprangletop       | FACW-            |
| <i>Liatris lanceifolia</i> (Greene) Kittell           | Gay-feather               | -                |
| <i>Lilaeopsis recurva</i> A. W. Hill                  | Lilaeopsis                | ?                |
| <i>Lilium parryi</i> Wats.                            | Lemmonlily                | OBL              |
| <i>L. philadelphicum</i> L.                           | Wood lily                 | FACW+ DRA        |
| <i>Limonium limbatum</i> Small                        | Bordered sea-lavender     | FACW DRA         |
| <i>Limosella oculis</i> Ses. & Moc.                   | Owyhee mudwort            | OBL              |
| <i>L. aquatica</i> L.                                 | Water mudwort             | OBL              |
| <i>Linanthus nuttallii</i> (Gray)                     | Nuttall linanthus         | FAC              |
| Greene ex. Milliken                                   |                           |                  |
| <i>Lindernia anagallidea</i> (Michx.) Pennell.        | Clasping falsepimpernel   | OBL              |
| <i>L. dubia</i> (L.) Pennell                          | Yellowseed falsepimpernel | OBL              |
| <i>Listera convallariodes</i> (Swartz) Torr.          | Twayblade listera         | -                |
| <i>Lobelia anatina</i> Wimmer                         | Lobelia                   | FACW+            |
| <i>L. cardinalis</i> L.                               | Cardinal flower           | OBL              |
| <i>Lomatium bicolor</i> (S. Wats.) Coult. & Rose      | Lomatium                  | -                |
| <i>Lomatogonium rotatum</i> (L.) E. Fries             | Marsh felwort             | -                |
| <i>Lonicera japonica</i> Thunb.                       | Japanese honeysuckle      | -                |
| <i>L. utahensis</i> Wats.                             | Utah honeysuckle          | ?                |
| <i>Lotus alamosanus</i> Rose                          | Alamo lotus               | OBL              |
| <i>L. oblongifolius</i> (Benth.) Greene               | Stream lotus              | OBL              |
| <i>Ludwigia palustris</i> (L.) Ell.                   | Water purslane            | OBL DRA          |
| <i>L. peploides</i> (H.B.K.) Raven                    | Perennial waterprimrose   | OBL              |
| <i>Lupinus kirgii</i> Wats.                           | King lupine               | FAC              |
| <i>Luzula parviflora</i> (Ehrh.) Desv.                | Small-flowered wood-rush  | -                |
| <i>Lycopus americanus</i> Muhl.                       | Water horehound           | OBL              |
| <i>L. asper</i> Greene                                | Rough bugleweed           | OBL              |
| <i>Lysimachia ciliata</i> L.                          | Fringed loosestrife       | FACW             |
| <i>L. hybrida</i> Michx.                              | Lanceleaf loosestrife     | OBL              |
| <i>Lythrum californicum</i> Torr. & Gray              | Common loosestrife        | OBL              |
| <i>Machaeranthera bolsoniae</i>                       | Machaeranthera            | FACW+            |
| (Greene) Turner & Horne                               |                           |                  |
| <i>M. coulteri</i> (Gray) Turner & Horne              | Silver lake daisy         | -                |
| <i>M. tephrodes</i> (Gray) Greene                     | Machaeranthera            | -                |
| <i>Malvella leprosa</i> (Ortega) Krapov.              | Alkali sida               | ?                |
| <i>Marrubium vulgare</i> L.                           | Horehound                 | FAC+             |
| <i>Mecardonia vandelliioides</i>                      | Prostrate mecardonia      | OBL              |
| (H.B.K.) Pennell                                      |                           |                  |
| <i>Medicago lupulina</i> L.                           | Black medic               | FAC              |
| <i>Mentha arvensis</i> L.                             | Field mint                | FACW             |
| <i>M. rotundifolia</i> (L.) Huds.                     | Apple mint                | FAC              |
| <i>M. spicata</i> L.                                  | Spearmint                 | ?                |
| <i>Mentzelia trifoliata</i> L.                        | Common buckbean           | OBL              |
| <i>Mentzelia albiflora</i> (E. James ex Torr.) C. Don | Broadleaf bluebells       | FACW+            |
| <i>M. franciscana</i> A. Heller                       | Franciscan bluebells      | FACW             |
| <i>Mimetanthe pilosa</i> (Benth.) Greene              | False monkey flower       | FACW             |
| <i>Mimulus cardinalis</i> Dougl. ex. Berth            | Crimson monkey flower     | OBL              |



| Scientific Name                                | Common Name                     | Indicator Status |
|--|---------------------------------|------------------|
| <i>M. dentilobus</i> B. Rob. & Fern.           | Toothed monkey flower           | ?                |
| <i>M. eastwoodiae</i> Rydb.                    | Eastwood's monkey flower        | FACW+            |
| <i>M. floribundus</i> Lindl.                   | Floriferous monkey flower       | FACW+            |
| <i>M. glabratus</i> H.B.K.                     | Yellow monkey flower            | OBL              |
| <i>M. guttatus</i> DC.                         | Common monkey flower            | OBL              |
| <i>M. nasutus</i> Greene                       | Nasut monkey flower             | FACW+            |
| <i>M. primuloides</i> Benth.                   | Primrose monkey flower          | OBL              |
| <i>M. rubellus</i> Gray                        | Ciliolate-toothed monkey flower | FACW             |
| <i>M. suksdorfii</i> Gray                      | Suksdorf's monkey flower        | FACW             |
| <i>Minuartia rubella</i> (Wahlenb.) Hiern      | Marble sandwort                 | ?                |
| <i>Monarda fistulosa</i> L.                    | Wildbergamot beebalm            | FAC+             |
| <i>Monardella odoratissima</i> Benth.          | Pacific monardella              | FACW             |
| <i>Monolepis nuttalliana</i> (Schult.) Greene  | Nuttall monolepis               | FAC              |
| <i>Montia chamissoi</i> (Ledeb.) Rob. & Fern.  | Water minerslettuce             | OBL              |
| <i>Muhlenbergia andina</i> (Nutt.) Hitchc.     | Foxtail muhly                   | -                |
| <i>M. asperifolia</i> (Nees & Mey.) Parodi     | Alkali muhly                    | FACW             |
| <i>M. eludens</i> C. Reeder                    | Muhly                           | -                |
| <i>M. filiformis</i> (Thurb.) Rydb.            | Pullup muhly                    | -                |
| <i>M. mexicana</i> (L.) Trin.                  | Mexican muhly                   | -                |
| <i>M. montana</i> (Nutt.) A. Hitchc.           | Mountain muhly                  | -                |
| <i>M. pectinata</i> C. O. Goodding             | Muhly                           | -                |
| <i>M. racemosa</i> (Michx.) B.S.P.             | Green muhly                     | -                |
| <i>M. richardsonis</i> (Trin.) Rydb.           | Mat muhly                       | -                |
| <i>M. rigens</i> (Benth.) A. Hitchcock         | Deergrass                       | -                |
| <i>M. schreberi</i> Gmel.                      | Nimblewill muhly                | -                |
| <i>M. sylvatica</i> (Torr.) Torr.              | Forest muhly                    | -                |
| <i>M. utilis</i> (Torr.) Hitchc.               | Aparejogress                    | -                |
| <i>Myosotis scorpioides</i> L.                 | True forget-me-not              | ?                |
| <i>Myosurus aristatus</i> Benth. ex Hook.      | Bristle mousetail               | OBL DRA          |
| <i>M. cupulatus</i> S. Wats.                   | Mousetail                       | ?                |
| <i>M. minimus</i> L.                           | Tiny mousetail                  | OBL              |
| <i>Myriophyllum brasiliense</i> Comb.          | Brazilian watermilfoil          | OBL              |
| <i>Najas flexilis</i> (Wild.) Rostk. & Schmidt | Nodding waternymph              | OBL              |
| <i>N. guadalupensis</i> (Spreng.) Magnus       | Southern waternymph             | OBL              |
| <i>N. marina</i> L.                            | Holly-leaved waternymph         | OBL              |
| <i>Nama stenocarpum</i> Gray                   | Nama                            | -                |
| <i>Nasturtium officinale</i> R. Br.            | Watercress                      | OBL              |
| <i>Navarretia minima</i> Nutt.                 | Least navarretia                | FAC              |
| <i>N. propinqua</i> Suksd.                     | Great Basin navarretia          | FAC              |
| <i>Nepeta cataria</i> L.                       | Catnip                          | FACW-            |
| <i>Nicotiana attenuata</i> Torr.               | Coyote tobacco                  | FAC              |
| <i>N. glauca</i> Graham                        | Tree tobacco                    | FAC              |
| <i>Nitrophila occidentalis</i> (Moq.) Wats.    | Western miterwort               | FAC+             |
| <i>Nuphar luteum</i> (L.) Sibth. & J. E. Smith | European cowliilv               | OBL              |
| <i>Nymphoides peltata</i> (Gmel.) O. Ktze.     | Roundleaf nymphoides            | OBL              |
| <i>Oenothera aurescens</i> Torr. & Frem.       | Spotted primrose                | -                |
| <i>O. elata</i> H.B.K.                         | Hooker evening primrose         | FACW             |
| <i>O. flava</i> (A. Nels.) Garrett             | Yellow evening primrose         | -                |
| <i>O. leucantha</i> (Spach) Munz               | Kunth sundrops                  | -                |
| <i>O. latifolia</i> J. Hill                    | Cut-leaved evening primrose     | -                |
| <i>O. longicauda</i> Rydb.                     | Evening primrose                | OBL              |

| Scientific Name                                  | Common Name                | Indicator Status |
|--|----------------------------|------------------|
| <i>O. rosea</i> L'Her ex Ait.                    | Rose sundrops              | FACW             |
| <i>O. villosa</i> Thunb.                         | Evening primrose           | -                |
| <i>Cphioglossum engelmannii</i> Prantl           | Engelmann adderstongue     | FACW DRA         |
| <i>O. vulgatum</i> L.                            | Common adderstongue        | FAC              |
| <i>Osmunda cinnamomea</i> L.                     | Cinnamon fern              | FACW             |
| <i>Oxalis corniculata</i> L.                     | Lady's sorrel              | -                |
| <i>Oxypolis fendleri</i> Hill (A. Gray)          | Fendler cowbane            | FACW             |
| A. Heller  |                            |                  |
| <i>Oxytropis deflexa</i> (Pall.) DC.             | Hangpod crazyweed          | FAC              |
| <i>O. oreophila</i> Gray                         | Roundleaf crazyweed        | -                |
| <i>O. parryi</i> Gray                            | Parry crazyweed            | -                |
| <i>O. splendens</i> Dougl.                       | Splendid crazyweed         | -                |
| <i>Panicum capillare</i> L.                      | Witchgrass                 | FAC              |
| <i>P. dichotomiflorum</i> Michx.                 | Fall panicum               | FAC              |
| <i>P. obtusum</i> H.B.K.                         | Vine-mesquite              | FAC DRA          |
| <i>P. occidentale</i> Scribn.                    | Pacific panicum            | -                |
| <i>P. virgatum</i> L.                            | Switchgrass                | FAC+             |
| <i>Parietaria pennsylvanica</i> Muhl.            | Pennsylvania pellitory     | FACW-            |
| <i>Parrassia fimbriata</i> K. D. Koenig          | Fringed grass-of-parnassus | OBL              |
| <i>P. parviflora</i> DC.                         | Small flower parnassia     | OBL              |
| <i>Parthenocissus vitacea</i> (Knerr) A. Hitchc. | Grape parthenocissus       | FACW-            |
| <i>Paspalum dilatatum</i> Poir.                  | Dallisgrass                | FAC              |
| <i>P. distichum</i> L.                           | Knotgrass                  | ?                |
| <i>P. setaceum</i> Michx.                        | Thin paspalum              | -                |
| <i>Pedicularis groenlandica</i> Retz.            | Elephanthead lousewort     | OBL              |
| <i>P. parryi</i> A. Gray                         | Parry lousewort            | FAC+             |
| <i>Penstemon rydbergii</i> A. Nels.              | Rydberg penstemon          | FAC              |
| <i>Perideridia gairdneri</i>                     | Common yampa               | FACW             |
| (Hook & Arn.) Nathias                            |                            |                  |
| <i>P. parishii</i> (Coult. & Rose)               | Parish yampa               | FACW             |
| Nels. & Macbr.                                   |                            |                  |
| <i>Persicaria vestita</i> Greene                 | Persicaria                 | -                |
| <i>Petunia parviflora</i> Juss.                  | Payette penstemon          | FACW             |
| <i>Phacelia heterophylla</i> Pursh.              | Varileaf phacelia          | FAC              |
| <i>Phalaris angusta</i> Nees ex. Trin.           | Timothy canary grass       | FACW             |
| <i>P. amandina</i> L.                            | Reed canary grass          | OBL              |
| <i>P. canariensis</i> L.                         | Canary grass               | ?                |
| <i>P. caroliniana</i> Walter                     | Carolina canary grass      | FACW             |
| <i>Phleum alpinum</i> L.                         | Mountain timothy           | FACW-            |
| <i>Phragmites australis</i> (Cav.)               | Phragmites                 | FACW+            |
| Trin. ex. Steud.                                 |                            |                  |
| <i>Phyla cuneifolia</i> (Torr.) Greene           | Frog-fruit                 | FACW             |
| <i>P. incisa</i> Small                           | Frog-fruit                 | FACW-            |
| <i>P. lanceolata</i> (Michx.) Greene             | Northern frog-fruit        | OBL              |
| <i>P. nodiflora</i> Michx.                       | Common frog-fruit          | OBL              |
| <i>Physalis angulata</i> L.                      | Cutleaf ground cherry      | FAC              |
| <i>Phytolacca americana</i> L.                   | Common pokeberry           | -                |
| <i>Picea pungens</i> Engelm.                     | Blue spruce                | FAC              |
| <i>Pistia stratiotes</i> L.                      | Water lettuce              | OBL              |
| <i>Plagiobothrys scouleri</i>                    | Scouler popcornflower      | FACW+            |
| (H. & H.) I. Johnst.                             |                            |                  |
| <i>P. tenellus</i> (Nutt. ex. Hook.) Gray        | Slender popcornflower      | FAC DRA          |

| Scientific Name                                       | Common Name                  | Indicator Status |
|---|------------------------------|------------------|
| <i>Plantago eriopoda</i> Torr.                        | Redwood plantain             | FAC              |
| <i>P. heterophylla</i> Nutt.                          | Slender plantain             | FACW DRA         |
| <i>P. hirtella</i> H.B.K.                             | Mexican plantain             | -                |
| <i>P. lanceolata</i> L.                               | English plantain             | FAC DRA          |
| <i>P. major</i> L.                                    | Common plantain              | FACW             |
| <i>P. rhodosperma</i> Decne                           | Red-seeded plantain          | FAC+             |
| <i>P. virginica</i> L.                                | Dwarf plantain               | -                |
| <i>Platanthera dilatata</i><br>(Pursh) Lindl. ex Beck | Bog candle                   | FACW             |
| <i>P. flava</i> (L.) Lindl.                           | Tubercled orchid             | FACW             |
| <i>P. hyperborea</i> (L.) Lindl.                      | Northern green orchid        | FACW             |
| <i>P. limosa</i> Lindl.                               | Thurber's bog-orchid         | OBL              |
| <i>P. sparsiflora</i> (S. Wats.) Schlechter           | Sparsely-flowered bog-orchid | FACW             |
| <i>P. stricta</i> Lindl.                              | Slender bog-orchid           | FACW             |
| <i>Platanus wrightii</i> S. Wats.                     | Arizona sycamore             | ?                |
| <i>Plectritis ciliosa</i> (Greene) Jeps.              | Fringed plectritis           | -                |
| <i>Pluchea purpureascens</i> (Sw.) DC.                | Saltmarsh pluchea            | OBL              |
| <i>P. sericea</i> (Nutt.) Coville                     | Arrowweed pluchea            | FACW-            |
| <i>Poa arctica</i> R. Br.                             | Arctic bluegrass             | FACW             |
| <i>P. arida</i> Vasey                                 | Plains bluegrass             | -                |
| <i>P. glaucifolia</i> Scribn. & Will.                 | Bloomleaf bluegrass          | FACW             |
| <i>P. gracillima</i> Vasey                            | Slender bluegrass            | -                |
| <i>P. nervosa</i> (Hook.) Vasey                       | Wheeler bluegrass            | -                |
| <i>P. nevadensis</i> Vasey                            | Nevada bluegrass             | FACW             |
| <i>P. palustris</i> L.                                | Fowl bluegrass               | FAC              |
| <i>Polemonium filicinum</i> Greene                    | Fernleaf polemonium          | FACW             |
| <i>P. foliosissimum</i> A. Gray                       | Leafy polemonium             | FAC              |
| <i>P. pauciflorum</i> Wats.                           | Mexican polemonium           | -                |
| <i>Polygonum amphibium</i> L.                         | Water knotweed               | OBL              |
| <i>P. argyrocoleon</i> Steud.                         | Persian wireweed             | OBL              |
| <i>P. aviculare</i> L.                                | Prostrate knotweed           | FACW             |
| <i>P. bistortoides</i> Pursh                          | Bistort knotweed             | OBL              |
| <i>P. confertiflorum</i> Nutt.                        | Fruitleaf knotweed           | OBL DRA          |
| <i>P. erectum</i> L.                                  | Erect knotweed               | -                |
| <i>P. hydropiperoides</i> Michx.                      | Swamp knotweed               | OBL              |
| <i>P. kelloggii</i> Greene                            | Kellog knotweed              | -                |
| <i>P. lapathifolium</i> L.                            | Smartweed                    | OBL              |
| <i>P. pennsylvanicum</i> L.                           | Pennsylvania smartweed       | OBL              |
| <i>P. persicaria</i> L.                               | Ladysthumb smartweed         | FACW+            |
| <i>P. punctatum</i> Ell.                              | Dotted smartweed             | OBL              |
| <i>P. ramosissimum</i> Michx.                         | Bushy knotweed               | -                |
| <i>P. viviparum</i> L.                                | Vivi knotweed                | -                |
| <i>Polypogon elongatus</i> H.B.K.                     | Rabbitfoot grass             | -                |
| <i>P. interruptus</i> H.B.K.                          | Ditch polypogon              | -                |
| <i>P. monspeliensis</i> (L.) Desf.                    | Rabbitfoot grass             | FACW+            |
| <i>Polystichum lonchitis</i> (L.) Roth                | Holly fern                   | ?                |
| <i>Populus X acuminata</i> Rydb.                      | Smooth-barked cottonwood     | FACW             |
| <i>P. angustifolia</i> E. James                       | Narrowleaf cottonwood        | FACW             |
| <i>P. deltoides</i> W. Bartram ex Marshall            | Eastern cottonwood           | FACW-            |
| <i>P. fremontii</i> S. Wats.                          | Fremont cottonwood           | FACW             |
| <i>P. tremula</i> L.                                  | European aspen               | ?                |
| <i>Porterella carnosula</i> (H. & A.) Torr.           | Fleshy porterella            | OPL              |

| Scientific Name                                 | Common Name           | Indicator Status |
|---|-----------------------|------------------|
| <i>Portulaca oleracea</i> L.                    | Common purslane       | FAC              |
| <i>P. umbraticola</i> H.B.K.                    | Purslane              | FAC              |
| <i>Potamogeton diversifolius</i> Raf.           | Waterthread pondweed  | OBL              |
| <i>P. foliosus</i> Raf.                         | Leafy pondweed        | OBL              |
| <i>P. gramineus</i> L.                          | Variableleaf pondweed | OBL              |
| <i>P. illinoensis</i> Morong                    | Illinois pondweed     | OBL              |
| <i>P. natans</i> L.                             | Floatingleaf pondweed | OBL              |
| <i>P. nodosus</i> Poir.                         | Longleaf pondweed     | OBL              |
| <i>P. pectinatus</i> L.                         | Sago pondweed         | OBL              |
| <i>P. pusillus</i> L.                           | Baby pondweed         | OBL              |
| <i>Potentilla anserina</i> L.                   | Silverweed            | OBL              |
| <i>P. biennis</i> Greene                        | Biennial cinquefoil   | -                |
| <i>P. diversifolia</i> Lehm.                    | Varileaf cinquefoil   | -                |
| <i>P. fruticosa</i> L.                          | Shrubby cinquefoil    | FACW-            |
| <i>P. glandulosa</i> Lindl.                     | Gland cinquefoil      | -                |
| <i>P. gracilis</i> Dougl.                       | Northwest cinquefoil  | -                |
| <i>P. millegrana</i> Engelm. ex. Lehm.          | Diffuse cinquefoil    | -                |
| <i>P. norvegica</i> L.                          | Rough cinquefoil      | FAC              |
| <i>P. paradoxa</i> Nutt.                        | Bushy cinquefoil      | -                |
| <i>P. plattensis</i> Nutt.                      | Platte cinquefoil     | -                |
| <i>P. rivalis</i> Nutt.                         | Brook cinquefoil      | -                |
| <i>P. thurberi</i> A. Gray                      | Thurber cinquefoil    | FACW+            |
| <i>Primula ellisiae</i> Pollard & Cockl.        | Ellisia-like primula  | ?                |
| <i>P. parryi</i> Gray                           | Parry primrose        | FAC+             |
| <i>P. rusbyi</i> Greene                         | Rusby primrose        | FAC              |
| <i>Prionopsis ciliata</i> (Nutt.) Nutt.         | Prionopsis            | -                |
| <i>Probosidea louisianica</i> (Miller) Thellung | Louisiana devilsclaws | FAC              |
| <i>Prosopis pubescens</i> Benth.                | Screwbean mesquite    | FACW-            |
| <i>Prunella vulgaris</i> L.                     | Common selfheal       | FACW-            |
| <i>Prunus virginiana</i> L.                     | Common chokecherry    | FAC              |
| <i>Puccinella airoides</i> (Nutt.)              | Nuttall alkaligrass   | OPL              |
| S. Wats. & Coult.                               |                       |                  |
| <i>P. distans</i> (L.) Parlat.                  | Weeping alkaligrass   | -                |
| <i>P. fasciculata</i> (Torr.) Rickn.            | Torrey alkaligrass    | -                |
| <i>P. rutkaensis</i> (J. Presl.)                | Pacific alkaligrass   | -                |
| Fernald & Weatherby                             |                       |                  |
| <i>P. nuttalliana</i> (J. A. Schultes)          | Nuttall alkaligrass   | -                |
| A. Hitchc.                                      |                       |                  |
| <i>P. parishii</i> A. Hitchc.                   | Parish alkaligrass    | OBL              |
| <i>P. pauciflora</i> (J. Presl.) Munz           | Weak mannagrass       | -                |
| <i>Pyrola asarifolia</i> Michx.                 | Alpine shinleaf       | -                |
| <i>Ranunculus acris</i> L.                      | Tall buttercup        | FACW             |
| <i>R. aquatilis</i> L.                          | Water buttercup       | OPL DRA          |
| <i>R. cardiophyllus</i> Hook.                   | Heartleaf buttercup   | FACW             |
| <i>R. cymbalaria</i> Pursh                      | Alkali buttercup      | OBL              |
| <i>R. eschscholtzii</i> Schlecht.               | Eschscholtz buttercup | FACW             |
| <i>R. flammula</i> L.                           | Spearwort buttercup   | FACW             |
| <i>R. glaberrimus</i> Hook.                     | Sagebrush buttercup   | FAC              |
| <i>R. gemellii</i> DC.                          | Gmelin buttercup      | -                |
| <i>R. hydrocharoides</i> Gray                   | Buttercup             | OPL              |
| <i>R. inamoenus</i> Greene                      | Pleasant buttercup    | FACW             |
| <i>R. longirostris</i> Godr.                    | White water-crowfoot  | OPL              |

| Scientific Name  | Common Name                | Indicator Status |
|--|----------------------------|------------------|
| <i>R. macauleyi</i> A. Gray                            | Macauley buttercup         | -                |
| <i>R. macounii</i> Britt.                              | Macoun's buttercup         | -                |
| <i>R. macranthus</i> Scheele                           | Large buttercup            | FACW             |
| <i>R. oreogenes</i> Greene                             | Buttercup                  | -                |
| <i>R. pedatifidus</i> J. E. Smith                      | Northern buttercup         | -                |
| <i>R. pensylvanicus</i> L.f.                           | Pennsylvania buttercup     | -                |
| <i>R. rarunculinus</i> (Nutt.) Rydb.                   | Buttercup                  | -                |
| <i>R. sceleratus</i> L.                                | Celeryleaf buttercup       | OBL              |
| <i>R. subrigidus</i> W. Drew                           | Pond buttercup             | OBL              |
| <i>R. uncinatus</i> D. Don.                            | Hooked buttercup           | -                |
| <i>Reibunium microphyllum</i> (Gray) Hemsl.            | Bracted bedstraw           | -                |
| <i>Rhamnus betulifolia</i> Greene                      | Birchleaf buckthorn        | FACW-            |
| <i>Rhinanthus crista-galli</i> L.                      | Cockscomb rattleweed       | -                |
| <i>Ribes americanum</i> Mill.                          | Wild black currant         | FACW             |
| <i>R. aureum</i> Pursh                                 | Golden currant             | FACW             |
| <i>R. inerme</i> Rydb.                                 | Whitestem currant          | FACW-            |
| <i>R. wolfii</i> Rothr.                                | Wolf currant               | FAC              |
| <i>Scorippa calycina</i> (Engelm.) Rydb.               | Caly yellowcress           | OBL              |
| <i>F. curvipes</i> Greene                              | Rocky Mountain yellowcress | OBL DRA          |
| <i>R. curvisiliqua</i> (Hook.)                         | Curvepod yellowcress       | OBL              |
| Bessey ex. Britton                                     |                            |                  |
| <i>R. palustris</i> (L.) Besser                        | Marsh yellowcress          | OBL DRA          |
| <i>R. sinuata</i> (Nutt.) A. Hitchc.                   | Spreading yellowcress      | FACW             |
| <i>R. sphaerocarpa</i> (Gray) Britton                  | Round-fruited cress        | OBL              |
| <i>F. sylvestris</i> (L.) Besser                       | Creeping yellow cress      | OBL              |
| <i>R. teres</i> (Michx.) Stuckey                       | Marsh cress                | OBL              |
| <i>Rotala catholica</i> (Cham. & Schlecht.) VanLeeuwen | Rotala                     | -                |
| <i>R. ramosior</i> (L.) Koehne                         | Tooth-cup                  | OBL              |
| <i>Rubus idaeus</i> L.                                 | Red raspberry              | FAC              |
| <i>R. strigosus</i> Michx.                             | Strigate blackberry        | FAC              |
| <i>Rudbeckia hirta</i> L.                              | Blackeyed susan            | -                |
| <i>R. laciniata</i> L.                                 | Cutleaf cone flower        | FACW-            |
| <i>Rumex acetosella</i> L.                             | Sheep sorrel               | FACW             |
| <i>R. altissimus</i> Wood                              | Pale dock                  | FAC+             |
| <i>R. conglomeratus</i> Murr.                          | Clustered dock             | FACW-            |
| <i>R. crispus</i> L.                                   | Curled dock                | FACW             |
| <i>R. maritimus</i> L.                                 | Golden dock                | FACW+            |
| <i>R. mexicanus</i> Meisn.                             | Narrowleaf dock            | FACW             |
| <i>R. obtusifolius</i> L.                              | Bitter dock                | FACW             |
| <i>R. occidentalis</i> S. Wats.                        | Western dock               | OBL              |
| <i>R. salicifolius</i> Weinm.                          | Willow dock                | FACW             |
| <i>R. venosus</i> Pursh                                | Veiny dock                 | FACW             |
| <i>R. violascens</i> Rech. f.                          | Violer-like dock           | FACW+            |
| <i>Sagina saginoides</i> (L.) Karst.                   | Arctic pearlroot           | FACW+            |
| <i>Sagittaria brevirostra</i> Mackensie & Bush         | Shortbeaked arrowhead      | OBL              |
| <i>S. calycina</i> Engelm.                             | Hooded arrowhead           | OBL              |
| <i>S. roseata</i> Sheld.                               | Northern arrowhead         | OBL              |
| <i>S. graminea</i> Michx.                              | Grassy arrowhead           | OBL              |
| <i>S. greggii</i> J. G. Smith                          | Gregg arrowhead            | OBL              |
| <i>S. latifolia</i> Willd.                             | Broadleaf arrowhead        | OBL              |
| <i>S. longiloba</i> Engelm.                            | Long-barb arrowhead        | OBL              |

| Scientific Name                                   | Common Name             | Indicator Status |
|---|-------------------------|------------------|
| <i>Salicornia rubra</i> A. Nels.                  | Rockymountain glasswort | OBL DRA          |
| <i>S. utahensis</i> Tides.                        | Utah glasswort          | FACW             |
| <i>S. virginica</i> L.                            | Virginia swampfire      | OBL              |
| <i>Salix alba</i> L.                              | White willow            | ?                |
| <i>S. amygdaloides</i> Anderss.                   | Peachleaf willow        | FACW             |
| <i>S. bebbiana</i> Sarg.                          | Bebb willow             | FACW             |
| <i>S. bonplandiana</i> H. B. K.                   | Bonplant willow         | FACW+            |
| <i>S. drummondiana</i> Barratt ex Hook.           | Drummond willow         | FACW             |
| <i>S. exigua</i> Nutt.                            | Sandbar willow          | OBL DRA          |
| <i>S. geyeriana</i> Anderss.                      | Geyer willow            | OBL              |
| <i>S. glauca</i> L.                               | Grayleaf willow         | FACW             |
| <i>S. gooddingii</i> Ball                         | Goodding willow         | OBL              |
| <i>S. innorata</i> Anderss.                       | Bluestem willow         | FACW+            |
| <i>S. lasiantha</i> Benth.                        | Pacific willow          | FACW+            |
| <i>S. lasiolepis</i> Benth.                       | Arroyo willow           | FACW             |
| <i>S. lutea</i> Nutt.                             | Yellow willow           | OBL              |
| <i>S. monticola</i> Rebb                          | Mountain willow         | OBL              |
| <i>S. planifolia</i> Pursh                        | Mono willow             | OBL              |
| <i>S. taxifolia</i> H. B. K.                      | Yewleaf willow          | FACW-            |
| <i>Sambucus cerulea</i> Raf.                      | Blue elderberry         | FAC              |
| <i>S. melanocarpa</i> Gray                        | Blackhead elder         | -                |
| <i>S. mexicana</i> K. Presl. ex. DC.              | Mexican elder           | FAC              |
| <i>Samolus cuneatus</i> Small                     | Waterpimpernel          | OBL              |
| <i>S. ebracteatus</i> H.B.K.                      | Waterpimpernel          | OBL              |
| <i>S. parviflorus</i> Raf.                        | Waterpimpernel          | OBL              |
| <i>S. vagans</i> Greene                           | Waterpimpernel          | OBL              |
| <i>Sanguisorba minor</i> Scop.                    | Small burnet            | ?                |
| <i>Saponaria officinalis</i> L.                   | Bouncingbet             | -                |
| <i>Saxifraga angusta</i> D. Don                   | Brook saxifrage         | FACW-            |
| <i>S. permua</i> L.                               | Nodding saxifrage       | -                |
| <i>S. cespitosa</i> L.                            | Cespitose saxifrage     | -                |
| <i>S. chrysantha</i> Gray                         | Goldbloom saxifrage     | -                |
| <i>S. debilis</i> Engelm.                         | Weak saxifrage          | -                |
| <i>Schizanthus pinnatifidus</i> (Torr.) Swallen   | False melic             | -                |
| <i>Scirpus acutus</i> Muhl. ex. Bigel.            | Hardstem bulrush        | OBL              |
| <i>S. americanus</i> Pers.                        | American bulrush        | OBL              |
| <i>S. atrovirens</i> Willd.                       | Green bulrush           | OBL              |
| <i>S. californicus</i> (C. A. Meyer) Steud.       | California bulrush      | OBL              |
| <i>S. microparpus</i> J. & K. Presl.              | Panicled bulrush        | OBL              |
| <i>S. pallidus</i> (Britton) Fernald              | Pale bulrush            | OBL              |
| <i>S. pendulus</i> Muhl.                          | Reddish bulrush         | OBL              |
| <i>S. pungens</i> Vahl                            | Three square            | OBL              |
| <i>S. robustus</i> Pursh                          | Saltmarsh bulrush       | OBL              |
| <i>S. validus</i> Vahl                            | Softstem bulrush        | OBL              |
| <i>Scrophularia californica</i> Cham. & Schlecht. | Figwort                 | FACW-            |
| <i>S. lanceolata</i> Pursh                        | Lanceleaf figwort       | FACW             |
| <i>Scutellaria galericulata</i> L.                | Common skullcap         | OBL              |
| <i>S. latifolia</i> L.                            | Blue skullcap           | OBL              |
| <i>Scleria borealis</i> Corv                      | Jones selenia           | -                |
| <i>Scleria densiflora</i> Gray                    | Thickleaf groundsel     | -                |
| <i>Scleria pinnatifida</i> H. Buek                | Fewleaf groundsel       | -                |

| Scientific Name                                 | Common Name               | Indicator Status |
|---|---------------------------|------------------|
| <i>S. pauperculus</i> Michx.                    | Balsam groundsel          | FAC              |
| <i>S. pseudoreus</i> Rydb.                      | Falsegold groundsel       | FACW             |
| <i>S. salignus</i> DC.                          | Willow groundsel          | FAC              |
| <i>S. streptanthifolius</i> Greene              | Cleftleaf groundsel       | -                |
| <i>S. triangularis</i> Hook.                    | Arrowleaf groundsel       | OBL              |
| <i>Sesbania exaltata</i> (Raf.) Rydb.           | Wild-coffee               | FACW             |
| <i>Sesuvium sessile</i> Pers.                   | Lowland purslane          | FAC              |
| <i>S. verrucosum</i> Raf.                       | Sea-purslane              | FACW             |
| <i>Setaria geniculata</i> (Lam.) Beauv.         | Knotroot bristlegrass     | FAC              |
| <i>S. glauca</i> (L.) Beauv.                    | Yellow foxtail            | FAC              |
| <i>S. italica</i> (L.) Beauv.                   | Foxtail millet            | -                |
| <i>S. verticillata</i> (L.) Beauv.              | Bur bristlegrass          | -                |
| <i>Sidalcea candida</i> Gray                    | White checkermallow       | FAC              |
| <i>S. neomexicana</i> Gray                      | New Mexico checkermallow  | FACW             |
| <i>Silene acaulis</i> L.                        | Moss silene               | FAC              |
| <i>Sisymbrium altissimum</i> L.                 | Tumblemustard             | FAC              |
| <i>Sisyrinchium cernuum</i> (Bicknell) Kearney  | Blue-eyed grass           | FAC              |
| <i>S. demissum</i> Greene                       | Stiff blue-eyed grass     | OBL              |
| <i>S. elmeri</i> Greene                         | Drew's golden-eyed grass  | -                |
| <i>S. idahoense</i> Bickn.                      | Idaho blue-eyed grass     | -                |
| <i>S. longipes</i> (Bicknell) Kearney & Peebles | Blue-eyed grass           | FACW             |
| <i>S. montanum</i> Greene                       | Colorado blue-eyed grass  | FACW             |
| <i>Sium suave</i> Walt.                         | Common waterparsnip       | OBL              |
| <i>Solanum americanum</i> Mill.                 | Nightshade                | FAC              |
| <i>S. douglasii</i> Dunal                       | Greenspot nightshade      | FAC DRA          |
| <i>S. dulcamara</i> L.                          | Bittersweet               | -                |
| <i>S. nigrum</i> L.                             | Black nightshade          | -                |
| <i>Solidago gigantea</i> Ait.                   | Late goldenrod            | FACW-            |
| <i>Sonchus arvensis</i> L.                      | Sow thistle               | -                |
| <i>S. asper</i> (L.) J. Hill                    | Prickly sowthistle        | FACW DRA         |
| <i>Sorghastrum nutans</i> (L.) Nash             | Sorghastrum               | -                |
| <i>Sparganium emersum</i> Rehm.                 | Narrow-leaved bur-reed    | OPL              |
| <i>S. eurycarpum</i> Engelm. ex. Gray           | Giant burreed             | OBL              |
| <i>Spartina gracilis</i> Trin.                  | Alkali cordgrass          | FACW             |
| <i>S. pectinata</i> Link                        | Prairie cordgrass         | FACW             |
| <i>Spargularia marina</i> (L.) Griseb.          | Saltmarsh sandspurry      | ?                |
| <i>S. platensis</i> (Camb.) Fenzl.              | Sandspurry                | -                |
| <i>S. rubra</i> (L.) J. & C. Presl.             | Red sandspurry            | -                |
| <i>Sphaeromeria salsula</i> (Pallas) DC.        | Sphaeromeria              | -                |
| <i>Sphenopholis obtusata</i> (Michx.) Scribn.   | Prairie wedgegrass        | FAC              |
| <i>Spiranthes graminea</i> Lindl.               | Grasslike ladyestresses   | OBL              |
| <i>S. romanzoffiana</i> Cham.                   | Continental ladyestresses | OBL              |
| <i>Spirodela polyrrhiza</i> (L.) Schleiden      | Greater duckweed          | OBL              |
| <i>Sporobolus airoides</i> (Torr.) Torr.        | Alkali sacaton            | FAC              |
| <i>S. texanus</i> Vasey                         | Texas dropseed            | -                |
| <i>Stachys agraria</i> Cham. & Schlecht.        | Shade betony              | -                |
| <i>S. palustris</i> L.                          | Marsh hedgenettle         | OBL              |
| <i>Steinchisma hians</i> (Elliott) Nash         | Steinchisma               | -                |
| <i>Stellaria longifolia</i> Muhl.               | Longleaf starwort         | FAC              |
| <i>S. longipes</i> Goldie                       | Longstalk starwort        | FACW             |
| <i>S. umbellata</i> Turcz.                      | Umbrella starwort         | ?                |
| <i>Stemodia durandifolia</i> (L.) Sw.           | Stemodia                  | OBL              |

| Scientific Name                                       | Common Name               | Indicator Status |
|---|---------------------------|------------------|
| <i>Streptopus amplexifolius</i> (L.) DC.              | Claspleaf twistedstalk    | FAC              |
| <i>Styrax plataniifolia</i> Engelm.                   | Sycamore-leaf snowbell    | -                |
| <i>Suaeda depressa</i> (Pursh) Wats.                  | Pursh seepweed            | FACW             |
| <i>S. nigra</i> (Raf.) J. F. MacBr.                   | Black seepweed            | FACW DRA         |
| <i>S. nigrescens</i> I. M. Johnst.                    | Smooth seepweed           | OBL              |
| <i>S. torreyana</i> S. Wats.                          | Torrey seepweed           | FAC              |
| <i>Swertia perennis</i> L.                            | Alpinebog swertia         | FAC+             |
| <i>Tamarix africana</i> Poir.                         | African tamarisk          | -                |
| <i>T. aphylla</i> (L.) Karst.                         | Athel tamarisk            | FAC              |
| <i>T. gallica</i> L.                                  | French tamarisk           | FAC              |
| <i>T. parviflora</i> DC.                              | Smallflower tamarisk      | -                |
| <i>Teucrium canadense</i> L.                          | Canada germander          | ?                |
| <i>T. cubense</i> Jacq.                               | Germander                 | ?                |
| <i>Thalictrum alpinum</i> L.                          | Alpine meadowrue          | ?                |
| <i>T. dasycarpum</i> Fisch. & Ave-Lall.               | Daisyseed meadowrue       | ?                |
| <i>Tithonia thurberi</i> Gray                         | Tithonia                  | ?                |
| <i>Toxicodendron radicans</i> (L.) O. Kuntze          | Poison-ivy                | FACW             |
| <i>T. rydbergii</i> (Small ex. Rydb.) Green           | Rydberg's poison ivy      | FACW             |
| <i>Trautvetteria carolinensis</i> (Walt.) Vail        | Carolina buabane          | -                |
| <i>Trichocoronis wrightii</i> (T. & G.) Gray          | Trichocoronis             | -                |
| <i>Tridens albescens</i> (Vasey) Woot. & Standl.      | White tridens             | -                |
| <i>Trifolium amabile</i> H.B.K.                       | Aztec clover              | -                |
| <i>T. dasyphyllum</i> T. & G.                         | Alpine clover             | -                |
| <i>T. hybridum</i> L.                                 | Alsike clover             | -                |
| <i>T. longipes</i> Nutt.                              | Longstalk clover          | -                |
| <i>T. mucronatum</i> Willd.                           | Mucronate clover          | -                |
| <i>T. nanum</i> Torr.                                 | Dwarf clover              | -                |
| <i>T. neurophyllum</i> Greene                         | Nerve leaf clover         | -                |
| <i>T. pinetorum</i> Greene                            | Woods clover              | -                |
| <i>T. pratense</i> L.                                 | Red clover                | -                |
| <i>T. repens</i> L.                                   | White clover              | -                |
| <i>T. variegatum</i> Nutt.                            | Whitetip clover           | -                |
| <i>Triglochin concinnum</i> J. B. Davy                | Slender arrow-grass       | OBL              |
| <i>T. maritimum</i> L.                                | Seaside arrow-grass       | OBL              |
| <i>T. palustre</i> L.                                 | Marsh arrow-grass         | OBL              |
| <i>Triodanis perfoliata</i> (L.) Nieuwl.              | Pouchleaf triodanis       | FAC              |
| <i>Tripsacum dactyloides</i> (L.) L.                  | Eastern gamagrass         | -                |
| <i>Trisetum spicatum</i> (L.) Richt.                  | Spike trisetum            | FACW-            |
| <i>T. wolfii</i> Vasey                                | Wolf trisetum             | ?                |
| <i>Typha domingensis</i> Pers.                        | Southern cattail          | OBL              |
| <i>T. latifolia</i> L.                                | Common cattail            | OBL              |
| <i>Utricularia macrorhiza</i> Leconte                 | Common bladderwort        | OBL              |
| <i>Valeriana edulis</i> Nutt.                         | Edible valerian           | FAC              |
| <i>V. occidentalis</i> Heller                         | Western valerian          | FAC              |
| <i>Veratrum californicum</i> Durand                   | California falsehellebore | OBL              |
| <i>Verbena bracteata</i> Lag. & Rodr.                 | Prostrate verbena         | FAC              |
| <i>V. hastata</i> L.                                  | Blue verbena              | ?                |
| <i>V. scabra</i> Vahl.                                | Rough verbena             | OBL              |
| <i>Verbesina encelioides</i><br>(Cav.) Benth. & Hook. | Golden crownbeard         | FAC              |
| <i>Vernonia marginata</i> (Torr.) Raf.                | Vernonia                  | -                |
| <i>V. missouriensis</i> Raf.                          | Missouri vernonia         | -                |



| Scientific Name  | Common Name                 | Indicator Status |
|--|-----------------------------|------------------|
| <i>Veronica americana</i> (Raf.) Schw.                       | American speedwell          | OBL              |
| <i>V. anagallis-aquatica</i> L.                              | Water speedwell             | OBL              |
| <i>V. catenata</i> Pennell                                   | Chain speedwell             | -                |
| <i>V. peregrina</i> L.                                       | Purslane speedwell          | OBL DRA          |
| <i>V. serpyllifolia</i> L.                                   | Thymeleaf speedwell         | FACW-            |
| <i>V. wormskjoldii</i> Roem. & Schult.                       | Wormskjold speedwell        | FAC              |
| <i>Vicia sativa</i> L.                                       | Spring vetch                | FACW             |
| <i>Viola adunca</i> Sm.                                      | Hook violet                 | FAC              |
| <i>V. bicolor</i> Pursh                                      | Field-pansy                 | FAC              |
| <i>V. missouriensis</i> Greene                               | Missouri violet             | FACW+            |
| <i>V. nephrophylla</i> Greene                                | Northern bog-violet         | FACW             |
| <i>V. pallens</i> (Banks) Brainerd                           | Northern white violet       | -                |
| <i>V. pedatifida</i> G. Don                                  | Prairie violet              | -                |
| <i>Vitis arizonica</i> Engelm.                               | Canyon grape                | FAC              |
| <i>Vulpia myuros</i> (L.) C. C. Gmel.                        | Rattail sixweeks grass      | FACW             |
| <i>Washingtonia filifera</i> (Linden ex. Andre) H. Wendel.   | Washington palm             | FACW             |
| <i>Woodwardia fimbriata</i> J. E. Smith                      | Western chainfern           | FACW             |
| <i>Xanthocephalum gymno-spermoides</i> (Gray) Benth. & Hook. | Conifer-like xanthocephalum | -                |
| <i>Yabea microcarpa</i> (Hook. & Arn.) K. Pol.               | Small fruit yabea           | -                |
| <i>Zannichellia palustris</i> L.                             | Horned pondweed             | OBL              |
| <i>Zantedeschia aethiopica</i> (L.) Spreng.                  | Callalily                   | OBL              |
| <i>Zosterella dubia</i> (Jacq.) Small                        | Water stargrass             | OBL              |

APPENDIX C

SECTION 2

LIST OF PLANT SPECIES THAT COMMONLY  
OCCUR IN WETLANDS

REGION 7 - SOUTHWEST

## Region 7 - Southwest

1. Following is a list of plant species that commonly occur as dominant species in wetlands of the southwestern United States. This region includes New Mexico and Arizona.

2. The list is a subset of the list provided in Section 1. Only species that commonly occur as dominant species in wetland types of the region are listed. All included species have an indicator status (see Section 1 for definitions of indicator status categories) of OBL, FACW, or FAC.\* These species are considered to be typically adapted for life in anaerobic soil conditions. Thus, the vegetation parameter is satisfied when more than 50 percent of the dominant species in a community type appear on this list. In such cases, it is unnecessary to use the list provided in Section 1. However, many other species listed in Section 1 as OBL, FACW, or FAC may be dominant at a given location. Therefore, use the list provided in Section 1 when more than 50 percent of the dominant species in a community type are not included in Section 2. *CAUTION: THIS LIST IS NOT INTENDED TO INCLUDE ALL OF THE SPECIES IN THE REGION THAT ARE TYPICALLY ADAPTED FOR LIFE IN ANAEROBIC SOIL CONDITIONS.*

3. In some cases, only the generic name is listed. When only one indicator status is shown for a genus, all species of the genus that are listed in Section 1 have the designated indicator status. When a range of indicator statuses is shown (e.g., OBL-FAC), the species listed in Section 1 have different indicator statuses. However, it is unnecessary to consult Section 1 when the range consists only of OBL, FACW, and/or FAC since a species having any of these indicator statuses is considered to be typically adapted for life in anaerobic soil conditions. When the indicator status range of the genus includes FAC- or FACU, identify the species and consult Section 1 to determine the indicator status for that species. Species having a "?" in the indicator status column are thought to commonly occur in wetlands of the region, but no indicator status has been assigned to these species.

4. Scientific nomenclature follows that provided in Section 1. Common names sometimes vary from those provided in Section 1 because a species may have two or more common names. The indicator status for a given species is the same on both lists.

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\* No species having an indicator status of FAC- are included.

THIS LIST SHOULD BE USED ONLY IN ACCORDANCE WITH PROCEDURES DESCRIBED IN  
PART IV OF THE MANUAL.

| Scientific Name                  | Common Name              | Indicator Status |
|----------------------------------|--------------------------|------------------|
| <i>Aconitum columbianum</i>      | Columbia monkshood       | FACW             |
| <i>Adiantum capillus-veneris</i> | Venus-hair fern          | FACW+            |
| <i>A. pedatum</i>                | Maidenhair fern          | FAC              |
| <i>Agrostis exarata</i>          | Spike bentgrass          | FACW             |
| <i>A. semiverticillata</i>       | Water bentgrass          | FACW+            |
| <i>Alhagi camelorum</i>          | Camelthorn               | FACW-            |
| <i>Alisma</i> spp.               | Waterplantain            | OBL              |
| <i>Allenrolfea occidentalis</i>  | Iodinebush               | ?                |
| <i>Alnus tenuifolia</i>          | Thinleaf alder           | FACW             |
| <i>Alopecurus aequalis</i>       | Shortawn foxtail         | OBL              |
| <i>A. carolinianus</i>           | Carolina foxtail         | FACW             |
| <i>A. geniculatus</i>            | Water foxtail            | OBL              |
| <i>Ammania auriculata</i>        | Ammania                  | OBL              |
| <i>A. coccinea</i>               | Purple ammania           | OBL DRA          |
| <i>Amorpha californica</i>       | Mock locust              | FAC              |
| <i>A. fruticosa</i>              | Dull-leaf indigo         | FACW+            |
| <i>Anemone canadensis</i>        | Canada anemone           | FACW-            |
| <i>Apocynum sibiricum</i>        | Prairie dogbane          | FAC              |
| <i>Aquilegia chrysantha</i>      | Golden columbine         | FACW             |
| <i>A. scopulorum</i>             | Colorado columbine       | FACW-            |
| <i>A. longissima</i>             | Longspur columbine       | FACW+            |
| <i>Arnica chamissonis</i>        | Chamisso arnica          | FACW             |
| <i>Artemisia biennis</i>         | Biennial wormwood        | FACW             |
| <i>Arundo donax</i>              | Giant reed               | FACW             |
| <i>Asclepias incarnata</i>       | Swamp milkweed           | OBL              |
| <i>A. speciosa</i>               | Showy milkweed           | FACW-            |
| <i>Aster</i> spp.                | Aster                    | FACW - FAC       |
| <i>Astragalus agrestis</i>       | Everywhere milkvetch     | FACW-            |
| <i>Atchynum filix-femina</i>     | Southern ladyfern        | FAC              |
| <i>Atriplex lentiformis</i>      | Big saltbush             | FACW             |
| <i>A. patula</i>                 | Fat-hen saltweed         | FAC              |
| <i>A. truncata</i>               | Wedgescale saltweed      | ?                |
| <i>Azolla</i> spp.               | Azolla                   | OBL              |
| <i>Baccharis</i> spp.            | Baccharis                | FACW - FACU      |
| <i>Bacopa</i> spp.               | Bacopa                   | OBL              |
| <i>Bartonia orthoceras</i>       | Erectpod wintercress     | OBL              |
| <i>Bassia hirsutifolia</i>       | Fivehook bassia          | FACW-            |
| <i>Bismuthia ovalifolia</i>      | American sloughgrass     | OBL              |
| <i>Betula erecta</i>             | Cut-leaved water parsnip | OBL              |
| <i>Besseyia arizonica</i>        | Arizona kittentails      | FACW             |
| <i>B. pinnatifida</i>            | Plantain kittentails     | FACW-            |
| <i>Betula occidentalis</i>       | Water birch              | FACW             |
| <i>Bidens</i> spp.               | Beggarticks              | OBL - FAC        |
| <i>Botrychium</i> spp.           | Botrychium               | FACW - FACU      |
| <i>Bulbostylis bulbifera</i>     | Funck bulbostylis        | FACW+            |
| <i>B. juncea</i>                 | Rush bulbostylis         | FACW             |
| <i>Calamagrostis canadensis</i>  | Bluejoint reedgrass      | OBL              |

| Scientific Name                    | Common Name            | Indicator Status |
|------------------------------------|------------------------|------------------|
| <i>C. inexpansa</i>                | Northern reedgrass     | FACW             |
| <i>C. scopulorum</i>               | Jones reedgrass        | FAC              |
| <i>C. scribneri</i>                | Scribner reedgrass     | ?                |
| <i>Calandrinia ambigua</i>         | Calandrinia            | FAC              |
| <i>Callitriche hermaphroditica</i> | Secret waterstarwort   | OBL              |
| <i>C. verna</i>                    | Green waterstarwort    | OBL              |
| <i>Caltha leptosepala</i>          | Elkslip marshmarigold  | OBL              |
| <i>Calypso bulbosa</i>             | Fairyslipper orchid    | FAC              |
| <i>Carer spp.</i>                  | Sedge                  | OBL - FACU-      |
| <i>Castilleja spp.</i>             | Indian paintbrush      | OBL - FACU       |
| <i>Centaureum calycosum</i>        | Arizona centaury       | FACW+            |
| <i>C. nudicaule</i>                | Centaury               | FACW-            |
| <i>Centunculus minimus</i>         | Chaffweed              | FACW+            |
| <i>Cephalanthus occidentalis</i>   | Common buttonbush      | OBL              |
| <i>Ceratophyllum spp.</i>          | Coontail               | OBL              |
| <i>Chenopodium ambrosioides</i>    | Mexican-tea            | FAC              |
| <i>C. glaucum</i>                  | Oakleaf goosefoot      | FAC              |
| <i>C. rubrum</i>                   | Red goosefoot          | ?                |
| <i>Cicuta douglasii</i>            | Douglas waterhemlock   | OBL              |
| <i>Circaea alpina</i>              | Alpine circaea         | FAC              |
| <i>Cirsium nidulum</i>             | Thistle                | FAC              |
| <i>C. pallidum</i>                 | Thistle                | FACW             |
| <i>C. parryi</i>                   | Parry thistle          | FACW-            |
| <i>C. vinaceum</i>                 | Vine thistle           | OBL              |
| <i>Cladium californicum</i>        | Sawgrass               | OBL              |
| <i>Claytonia lanceolata</i>        | Lanceleaf springbeauty | ?                |
| <i>Cleome lutea</i>                | Yellow beeplant        | FAC+             |
| <i>Conyza coulteri</i>             | Conyza                 | FACW-            |
| <i>Coreopsis tinctoria</i>         | Tickseed coreopsis     | FAC              |
| <i>Cornus stolonifera</i>          | Redosier dogwood       | FACW             |
| <i>Cotula coronopifolia</i>        | Brass buttons          | OBL              |
| <i>Crassula aquatica</i>           | Water crassula         | OBL              |
| <i>C. erecta</i>                   | Erect crassula         | FACW             |
| <i>Crepis runcinata</i>            | Dandelion hawksbeard   | FAC              |
| <i>Cressa truxillensis</i>         | Alkali weed            | FACW-            |
| <i>Cyperus spp.</i>                | Flatsedge              | OBL - FAC        |
| <i>Cypripedium calceolus</i>       | Yellow lady's slipper  | FACW             |
| <i>Deschampsia cespitosa</i>       | Tufted hairgrass       | FACW-            |
| <i>D. danthonioides</i>            | Annual hairgrass       | FACW-            |
| <i>D. elongata</i>                 | Slender hairgrass      | FAC              |
| <i>Dodecatheon alpinum</i>         | Alpine shootingstar    | ?                |
| <i>D. pulchellum</i>               | Beautiful shootingstar | FACW             |
| <i>Draba aurea</i>                 | Golden draba           | FAC              |
| <i>Dracopis amplexicaulis</i>      | Dracopis               | FACW             |
| <i>Dugaldia hoopeii</i>            | Hoope's dugaldia       | FAC+             |
| <i>Echinochloa colona</i>          | Jungle rice            | FACW             |
| <i>E. crus-galli</i>               | Barnyard grass         | FACW- DRA        |
| <i>Echinocystis lobata</i>         | Wild cucumber          | FAC              |
| <i>Echinopepon wrightii</i>        | Echinopepon            | FAC              |
| <i>Eclipta alba</i>                | Common yerbadetajo     | FAC              |

| Scientific Name                 | Common Name                | Indicator Status |
|---------------------------------|----------------------------|------------------|
| <i>Elaeagnus angustifolia</i>   | Russian olive              | FACW-            |
| <i>Elatine americana</i>        | American waterwort         | OBL              |
| <i>E. brachysperma</i>          | Shortseed waterwort        | FACW             |
| <i>Eleocharis</i> spp.          | Spikerush                  | OBL - FACW       |
| <i>Ellisia nyctelea</i>         | False babyblueeyes         | FAC              |
| <i>Elodea</i> spp.              | Waterweed                  | OBL              |
| <i>Elymus canadensis</i>        | Canada wildrye             | FAC              |
| <i>E. virginicus</i>            | Virginia wildrye           | FACW             |
| <i>Epilobium angustifolium</i>  | Fire willowweed            | FAC              |
| <i>E. hornemanii</i>            | Hornemann willowweed       | FACW             |
| <i>Epipactis gigantea</i>       | Giant hellebore            | ?                |
| <i>Equisetum arvense</i>        | Field horsetail            | FACW-            |
| <i>E. hyemale</i>               | Scouringrush horsetail     | FACW             |
| <i>E. laevigatum</i>            | Smooth horsetail           | FACW             |
| <i>Erianthus ravennae</i>       | Ravenna grass              | FAC              |
| <i>Erigeron</i> spp.            | Fleabane                   | FACW - FAC-      |
| <i>E. coulteri</i>              | Coulter fleabane           | FACW             |
| <i>E. elatior</i>               | Tall fleabane              | FACW             |
| <i>Eriochloa</i> spp.           | Cupgrass                   | FACW             |
| <i>Eriophorum angustifolium</i> | Narrowleaf cottonsedge     | OBL              |
| <i>Eryngium heterophyllum</i>   | Mexican thistle            | FACW-            |
| <i>E. phyteumae</i>             | Eryngo                     | OBL              |
| <i>E. sparganophyllum</i>       | Arizona eryngo             | OBL              |
| <i>Eustoma exaltatum</i>        | Eustoma                    | ?                |
| <i>Festuca rubra</i>            | Red fescue                 | FACW-            |
| <i>Fimbristylis thermalis</i>   | Frimbry                    | FACW+            |
| <i>F. vahliei</i>               | Vahl frimbry               | FACW+            |
| <i>Flaveria campestris</i>      | Flaveria                   | FAC              |
| <i>Fragaria virginiana</i>      | Wild strawberry            | FAC              |
| <i>Fraxinus pennsylvanica</i>   | Green ash                  | FACW             |
| <i>F. velutina</i>              | Velvet ash                 | FAC+             |
| <i>Galium mexicanum</i>         | Rough bedstraw             | FAC              |
| <i>G. trifidum</i>              | Small bedstraw             | FACW             |
| <i>Gentianella amarella</i>     | Felwort                    | FACW             |
| <i>G. tenella</i>               | Dane's gentian             | FAC+             |
| <i>Gentianopsis barbellata</i>  | Perennial fringed gentian  | FAC              |
| <i>G. thermalis</i>             | Rocky Mountain fringed gen | ?                |
| <i>Geranium eremophilum</i>     | Geranium                   | FACW             |
| <i>G. richardsonii</i>          | Richardson geranium        | FAC              |
| <i>Gerum macrophyllum</i>       | Big-leaf avens             | FACW             |
| <i>G. rivale</i>                | Water avens                | FAC              |
| <i>Inaphalium</i> spp.          | Cudweed                    | FACW - FAC       |
| <i>Gratiola neglecta</i>        | Neglected hedgehyssop      | OBL DRA          |
| <i>Gymnocarpium dryopteris</i>  | Oakfern                    | FAC              |
| <i>Helenium percurva</i>        | Spur gentian               | FAC              |
| <i>Helenium arizonicum</i>      | Sneezeweed                 | FACW             |
| <i>H. autumnale</i>             | Common sneezeweed          | ?                |
| <i>H. thurberi</i>              | Thurber sneezeweed         | ?                |
| <i>Helianthus ciliaris</i>      | Blueweed sunflower         | FAC              |
| <i>H. nuttallii</i>             | Nuttall sunflower          | FACW             |

| Scientific Name                  | Common Name                | Indicator Status |
|----------------------------------|----------------------------|------------------|
| <i>Heliotropium curassavicum</i> | Seaside heliotrope         | ?                |
| <i>Hemicarpha aristulata</i>     | Awned hemicarpha           | FACW             |
| <i>H. drummondii</i>             | Drummond hemicarpha        | FACW             |
| <i>H. micrantha</i>              | Common hemicarpha          | ?                |
| <i>Hemizonia pungens</i>         | Common spikeweed           | FACW+            |
| <i>Heracleum lanatum</i>         | Common cowparsnip          | OBL              |
| <i>Heteranthera</i> spp.         | Mudplantain                | OBL              |
| <i>Hierochloa odorata</i>        | Common sweetgrass          | FACW+            |
| <i>Hippuris vulgaris</i>         | Marestail                  | OBL DRA          |
| <i>Holcus lanatus</i>            | Common velvetgrass         | FACW-            |
| <i>Hordeum</i> spp.              | Barley                     | FACW- - FAC      |
| <i>Hydrocotyle ranunculoides</i> | Floating pennywort         | OBL              |
| <i>H. verticillata</i>           | Whorled pennywort          | OBL              |
| <i>Hydrophyllum fendleri</i>     | Fendler waterleaf          | ?                |
| <i>H. occidentale</i>            | Western waterleaf          | FACW+            |
| <i>Hypericum anagalloides</i>    | Tinker's penny             | ?                |
| <i>H. formosum</i>               | Southwestern St. Johnswort | FACW             |
| <i>Iliamna grandiflora</i>       | Wild hollyhock             | FACW-            |
| <i>Iris missouriensis</i>        | Rocky Mountain iris        | ?                |
| <i>Iscetes</i> spp.              | Quillwort                  | OBL              |
| <i>Iva axillaris</i>             | Povertyweed                | FAC DRA          |
| <i>I. xanthifolia</i>            | Marsh elder                | FAC              |
| <i>Juglans major</i>             | Arizona walnut             | FACW-            |
| <i>Juncus</i> spp.               | Rush                       | OBL - FAC        |
| <i>Leersia oryzoides</i>         | Rice cutgrass              | OBL              |
| <i>Lemma</i> spp.                | Duckweed                   | OBL              |
| <i>Leptochloa uninervis</i>      | Mexican sprangletop        | FACW-            |
| <i>Limosella axaulis</i>         | Owyhee mudwort             | OBL              |
| <i>L. aquatica</i>               | Water mudwort              | OBL              |
| <i>Lindernia anagallidea</i>     | Clasping pimpernel         | OBL              |
| <i>L. dubia</i>                  | False pimpernel            | OBL              |
| <i>Lobelia anatina</i>           | Lobelia                    | FACW+            |
| <i>L. cardinalis</i>             | Cardinal flower            | OBL              |
| <i>Ludwigia</i> spp.             | Waterprimrose              | OBL - OBL DRA    |
| <i>Lupinus kingii</i>            | King lupine                | FAC              |
| <i>Lycopus americanus</i>        | Water-horehound            | OBL              |
| <i>L. asper</i>                  | Rough bugleweed            | OBL              |
| <i>Lysimachia ciliata</i>        | Fringed loosestrife        | FACW             |
| <i>Lythrum californicum</i>      | Common loosestrife         | OBL              |
| <i>Machaeranthera boltoniae</i>  | Machaeranthera             | FACW+            |
| <i>Marrubium vulgare</i>         | Horehound                  | FAC+             |
| <i>Mecardonia vandelliioides</i> | Prostrate mecardonia       | OBL              |
| <i>Mentha arvensis</i>           | Field mint                 | FACW             |
| <i>M. rotundifolia</i>           | Apple mint                 | FAC              |
| <i>M. spicata</i>                | Spearmint                  | ?                |
| <i>Menyanthes trifoliata</i>     | Common buckbean            | OBL              |
| <i>Mertensia ciliata</i>         | Broadleaf bluebells        | FACW+            |
| <i>M. franciscana</i>            | Franciscan bluebells       | FACW             |
| <i>Mimetanthe pilosa</i>         | False monkeyflower         | FACW             |
| <i>Mimulus</i> spp.              | Monkeyflower               | OBL - FACW       |

| Scientific Name                 | Common Name                | Indicator Status |
|---------------------------------|----------------------------|------------------|
| <i>Montia chamissoi</i>         | Waterminerslettuce         | OBL              |
| <i>Muhlenbergia</i> spp.        | Muhly                      | FACW - FACU- DRA |
| <i>Myosotis scorpioides</i>     | True forget-me-not         | ?                |
| <i>Myosurus aristatus</i>       | Bristle mousetail          | OBL DRA          |
| <i>M. cupulatus</i>             | Mousetail                  | ?                |
| <i>M. minimus</i>               | Tiny mousetail             | OBL              |
| <i>Myriophyllum</i> spp.        | Watermilfoil               | OBL              |
| <i>Najas</i> spp.               | Waternymph                 | OBL              |
| <i>Nasturtium officinale</i>    | Watercress                 | OBL              |
| <i>Navarretia propinqua</i>     | Great Basin navaretta      | FAC              |
| <i>Nepeta cataria</i>           | Catnip                     | FACW-            |
| <i>Nitrophila occidentalis</i>  | Western miterwort          | FAC+             |
| <i>Oenothera</i> spp.           | Primrose                   | OBL - FACW       |
| <i>Ophioglossum vulgatum</i>    | Common adderstongue        | FAC              |
| <i>Osmunda cinnamomea</i>       | Cinnamon fern              | FACW             |
| <i>Oxytropis fendleri</i>       | Fendler cowbane            | FACW             |
| <i>Oxytropis deflexa</i>        | Hangpod crazyweed          | FAC              |
| <i>Panicum capillare</i>        | Witchgrass                 | FAC              |
| <i>P. dichotomiflorum</i>       | Fall panicum               | FAC              |
| <i>P. obtusum</i>               | Vine-mesquite              | FAC DRA          |
| <i>Parnassia fimbriata</i>      | Fringed grass-of-parnassus | OBL              |
| <i>P. parviflora</i>            | Smallflower parnassia      | OBL              |
| <i>Paspalum dilatatum</i>       | Dallisgrass                | FAC              |
| <i>P. distichum</i>             | Knotgrass                  | ?                |
| <i>Pedicularis groenlandica</i> | Elephanthead lousewort     | OBL              |
| <i>P. parryi</i>                | Parry lousewort            | FAC+             |
| <i>Penstemon rydbergii</i>      | Rydberg penstemon          | FAC              |
| <i>Perideridia gairdneri</i>    | Common yampa               | FACW             |
| <i>P. parishii</i>              | Parish yampa               | FACW             |
| <i>Petunia parviflora</i>       | Payette penstemon          | FACW             |
| <i>Phacelia heterophylla</i>    | Varileaf phacelia          | FAC              |
| <i>Phalaris angusta</i>         | Timothy canarygrass        | FACW             |
| <i>P. arundinacea</i>           | Reed canarygrass           | OBL              |
| <i>P. canariensis</i>           | Canary grass               | ?                |
| <i>P. caroliniana</i>           | Carolina canarygrass       | FACW             |
| <i>Phleum alpinum</i>           | Mountain timothy           | FACW-            |
| <i>Phyla</i> spp.               | Frogfruit                  | OBL - FACW-      |
| <i>Physalis angulata</i>        | Cutleaf groundcherry       | FAC              |
| <i>Pistia stratiotes</i>        | Waterlettuce               | OBL              |
| <i>Plagiobothrys scouleri</i>   | Scouler popcornflower      | FACW+            |
| <i>Plantago</i> spp.            | Plantain                   | FACW - FAC       |
| <i>Platanus wrightii</i>        | Arizona sycamore           | ?                |
| <i>Pluchea purpurescens</i>     | Saltmarsh fleabane         | OBL              |
| <i>P. sericea</i>               | Arrowweed pluchea          | FACW-            |
| <i>Poa glaucifolia</i>          | Bloomleaf bluegrass        | FACW             |
| <i>P. nevadensis</i>            | Nevada bluegrass           | FACW             |
| <i>Polemonium filicinum</i>     | Fernleaf polemonium        | FACW             |
| <i>P. foliosissimum</i>         | Leafy polemonium           | FAC-             |
| <i>Polygonum</i> spp.           | Smartweed                  | OBL - FACU-      |
| <i>Polystichum lonchitis</i>    | Hollyfern                  | ?                |



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|---------------------------------|--------------------------|------------------|
| <i>Populus acuminata</i>        | Smooth-barked cottonwood | FACW             |
| <i>P. fremontii</i>             | Fremont cottonwood       | FACW             |
| <i>P. tremula</i>               | Quaking aspen            | ?                |
| <i>Porterella carnosula</i>     | Fleshy porterella        | OBL              |
| <i>Portulaca oleracea</i>       | Common purslane          | FAC              |
| <i>Potamogeton</i> spp.         | Pondweed                 | OBL              |
| <i>Potentilla</i> spp.          | Cinquefoil               | OBL - FACU       |
| <i>Primula ellisiae</i>         | Primrose                 | ?                |
| <i>P. parryi</i>                | Parry primrose           | FAC+             |
| <i>P. rusbyi</i>                | Rusby primrose           | FAC              |
| <i>Proboscidea louisianica</i>  | Louisiana devilsclaws    | FAC              |
| <i>Prosopis pubescens</i>       | Screwbean mesquite       | FACW-            |
| <i>Prunella vulgaris</i>        | Common selfheal          | FACW-            |
| <i>Puccinellia</i> spp.         | Alkaligrass              | OBL              |
| <i>Ranunculus</i> spp.          | Buttercup                | OBL - FAC        |
| <i>Rhamnus betulifolia</i>      | Birchleaf buckthorn      | FACW-            |
| <i>Ribes americanum</i>         | Wild black currant       | FACW             |
| <i>R. aureum</i>                | Golden currant           | FACW             |
| <i>R. inerme</i>                | Whitestem currant        | FACW-            |
| <i>R. wolfii</i>                | Wolf currant             | FAC              |
| <i>Rorippa</i> spp.             | Cress                    | OBL - FACW       |
| <i>Rotala ramosior</i>          | Tooth-cup                | OBL              |
| <i>Rudbeckia laciniata</i>      | Cutleaf coneflower       | FACW-            |
| <i>Rumex</i> spp.               | Dock                     | OBL - FAC+       |
| <i>Sagina saginoides</i>        | Arctic pearlroot         | FACW+            |
| <i>Sagittaria</i> spp.          | Arrowhead                | OBL              |
| <i>Salicornia rubra</i>         | Rocky Mountain glasswort | OBL DRA          |
| <i>S. utahensis</i>             | Utah samphire            | FACW             |
| <i>Salix</i> spp.               | Willow                   | OBL - FAC-       |
| <i>Sambucus cerulea</i>         | Blue elderberry          | FAC              |
| <i>S. mexicana</i>              | Mexican elderberry       | FAC              |
| <i>Samolus cuneatus</i>         | Waterpimpernel           | OBL              |
| <i>S. ebracteatus</i>           | Waterpimpernel           | OBL              |
| <i>S. parviflorus</i>           | Waterpimpernel           | OBL              |
| <i>S. vagans</i>                | Waterpimpernel           | OBL              |
| <i>Sanguisorba minor</i>        | Small burnet             | ?                |
| <i>Saxifraga anguta</i>         | Brook saxifrage          | FACW-            |
| <i>Scirpus</i> spp.             | Bulrush                  | OBL              |
| <i>Scrophularia californica</i> | Figwort                  | FACW-            |
| <i>Scutellaria galericulata</i> | Common skullcap          | OBL              |
| <i>Senecio pauperculus</i>      | Balsam groundsel         | FAC              |
| <i>S. pseudolaureus</i>         | Falsegold groundsel      | FACW             |
| <i>S. salignus</i>              | Willow groundsel         | FAC              |
| <i>S. triangularis</i>          | Arrowleaf groundsel      | OBL              |
| <i>Sesbania exaltata</i>        | Wild coffee              | FACW             |
| <i>Sesuvium sessile</i>         | Lowland purslane         | FAC              |
| <i>Setaria geniculata</i>       | Knotroot bristlegrass    | FAC              |
| <i>S. glauca</i>                | Yellow foxtail           | FAC              |
| <i>Sidalcea candida</i>         | White checkermallow      | FAC              |
| <i>S. neomexicana</i>           | New Mexico checkermallow | FACW             |

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|---------------------------------|---------------------------|------------------|
| <i>Silene acaulis</i>           | Moss silene               | FAC              |
| <i>Sisymbrium altissimum</i>    | Tumblemustard             | FAC              |
| <i>Sisyrinchium</i> spp.        | Blue-eyed grass           | OBL - FAC        |
| <i>Sium suave</i>               | Common waterparsnip       | OBL              |
| <i>Solidago gigantea</i>        | Late goldenrod            | FACW-            |
| <i>Sonchus asper</i>            | Prickly sowthistle        | FACW DRA         |
| <i>Sparganium</i> spp.          | Burreed                   | OBL              |
| <i>Spartina gracilis</i>        | Alkali cordgrass          | FACW             |
| <i>S. pectinata</i>             | Prairie cordgrass         | FACW             |
| <i>Spergularia marina</i>       | Saltmarsh sandspurry      | ?                |
| <i>Sphenopholis obtusata</i>    | Prairie wedgegrass        | FAC              |
| <i>Spiranthes romanzoffiana</i> | Continental ladiestresses | OBL              |
| <i>Spirodela polyrhiza</i>      | Greater duckweed          | OBL              |
| <i>Stachys palustris</i>        | Marsh hedgenettle         | OBL              |
| <i>Stellaria longifolia</i>     | Longleaf starwort         | FAC              |
| <i>S. longipes</i>              | Longstalk starwort        | FACW             |
| <i>S. umbellata</i>             | Umbrella starwort         | ?                |
| <i>Stemodia durantifolia</i>    | Stemodia                  | OBL              |
| <i>Streptopus amplexifolius</i> | Claspleaf twistedstalk    | FAC              |
| <i>Suaeda</i> spp.              | Seepweed                  | OBL - FAC        |
| <i>Swertia perennis</i>         | Alpinebog swertia         | FAC+             |
| <i>Tamarix gallica</i>          | French tamarisk           | FAC              |
| <i>Teucrium canadense</i>       | Canada germander          | ?                |
| <i>T. cubense</i>               | Germander                 | ?                |
| <i>Thalictrum alpinum</i>       | Alpine meadowrue          | ?                |
| <i>T. dasycarpum</i>            | Daisyseed meadowrue       | ?                |
| <i>Tithonia thurbert</i>        | Tithonia                  | ?                |
| <i>Triglochin</i> spp.          | Arrow-grass               | OBL              |
| <i>Trisetum spicatum</i>        | Spike trisetum            | FACW-            |
| <i>T. wolffii</i>               | Wolf trisetum             | ?                |
| <i>Typha</i> spp.               | Cattail                   | OBL              |
| <i>Utricularia</i> spp.         | Bladderwort               | OBL              |
| <i>Valeriana edulis</i>         | Edible valerian           | FAC              |
| <i>V. occidentalis</i>          | Western valerian          | FAC              |
| <i>Veratrum californicum</i>    | California falsehellebore | OBL              |
| <i>Verbena bracteata</i>        | Prostrate verbena         | FAC              |
| <i>V. hastata</i>               | Blue verbena              | ?                |
| <i>Veronica</i> spp.            | Speedwell                 | OBL - FAC        |
| <i>Viola sativa</i>             | Spring vetch              | FACW             |
| <i>Viola</i> spp.               | Violet                    | FACW+ - FAC      |
| <i>Vitis arizonica</i>          | Canyon grape              | FAC              |
| <i>Woodwardia fimbriata</i>     | Western chainfern         | FACW             |
| <i>Zannichellia palustris</i>   | Horned pondweed           | OBL              |
| <i>Zosterella tubia</i>         | Mud-plantain              | OBL              |

END

4-87

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